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ENVIRONMENTAL CONSULTANTS

November 5, 2009

Ashley Holt, P.G., Manager  
State Remediation Program  
Division of Solid Waste Management  
Tennessee Department of Environment and Conservation  
5<sup>th</sup> Floor, L&C Tower  
401 Church Street  
Nashville, Tennessee 37243-1535

**Re: Seep and Surface Water Monitoring Results – October 2009 Event**  
**Egyptian Lacquer Manufacturing Company**  
**Franklin, Tennessee**  
**TriAD Project No. 07-ELM01-01**

Dear Ms. Holt:

As required in the *Modified Seep and Surface Water Monitoring Plan* (Plan), submitted to you on November 14, 2008, TriAD Environmental Consultants, Inc. (TriAD), on behalf of Egyptian Lacquer Manufacturing Company (ELMCO) and through its attorneys Stites and Harbison, PLLC, is submitting the analytical results of the October 2009 monitoring event. This report includes a table summarizing the analytical results and the laboratory reports of the analyses.

On October 22, 2009, TriAD personnel collected samples from the five monitoring points established in the Plan: LC-PC, LC-MS, Watergate, HR-2, and Harpeth River-Downstream-Liberty Creek (HR-DS-LC). LC-PC, Watergate, and HR-DS-LC are surface-water sampling points, and LC-MS and HR-2 are stream-bank groundwater seep discharge points. The October event was performed during a period in which all locations exhibited flow, the seep locations were above the river and creek levels, and the USGS-gauged flow of the Harpeth River at the Highway 96 bridge was approximately 149 cubic feet per second, at a river stage of 4.3 feet. No rain had been recorded for approximately six days. These stream flow conditions were greater than those observed in the previous monitoring event, on August 10, 2009.

All samples were transferred under chain-of-custody procedures to TestAmerica where they were analyzed for volatile organic compounds (VOCs) by U.S. EPA SW846 Method 8260B. The laboratory analytical results are summarized along with historical data in the attached Table 1. A copy of the complete laboratory report for the October event is also attached. The laboratory quality control data show that one of the toluene surrogate recoveries – the surrogate from the low

dilution – was outside the acceptable range in samples HR-2 and LC-MS. Because the toluene surrogate recoveries from the high dilutions were acceptable, the toluene results from these samples are considered valid. No VOCs were detected in the trip blank

Table 1 shows that constituent concentrations at the monitored points continue to fluctuate, and that toluene is the primary constituent of concern. Concentrations of most constituents in the sample from seep HR-2 were decreased from the August results, down significantly over historic highs, and reflective of an overall downward trend. Acetone has not been detected at HR-2 in the last four events.

At seep LC-MS, the VOC concentrations declined slightly compared to recent results, but were still within the range detected since fall of 2008. Acetone was not detected in samples from LC-MS or LC-PC, likely because sample matrix interference caused an abnormally high laboratory detection limit. As noted in previous reports, it is possible that the fluctuations noted at LC-MS and the other Liberty Creek sampling points are related to operation of the automated pumping system at the solvent recovery sump and infiltration gallery (formerly the recovery trench). Intermittent operation of the pumping system that began in April 2009 was continuing at the time of sampling, with periodic high water levels caused by precipitation events preventing the establishment of regular, sustained pumping.

All seven sampling events performed at location HR-DS-LC show that toluene is the only VOC consistently detected, and its concentration in October was approximately 1/75<sup>th</sup> of the water quality criteria for domestic water supply. These results confirm those obtained by the Tennessee Division of Water Pollution Control in their repeated sampling of the Harpeth River both upstream and downstream of Liberty Creek.

The October 2009 monitoring event was the twenty-sixth seep monitoring event. Sampling will continue in accordance with the Plan, with the next event due in December 2009.

Please contact us if you require additional information.

Sincerely,

**TriAD Environmental Consultants, Inc.**



Chris Scott, P.G.  
Senior Hydrogeologist

Attachments (Table 1, lab report)

cc: Bill Penny, Stites and Harbison  
Kerry Mattox, ELMCO

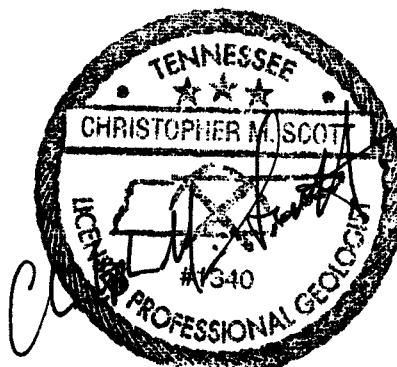


Table 1: Summary of Analytical Results Liberty Creek and Harpeth River Seeps Results in mg/L													
Sampling Location LC-PC (Personnel Crossing)													
Date	Acetone	Toluene	Benzene	cis-1,2-Dichloroethene	Ethyl-benzene	Methyl Ethyl Ketone (MEK)	Methyl Isobutyl Ketone (MIBK)	n-Propyl-benzene	Tetra-chloro-ethene (PCE)	1,2,4-Trimethylbenzene	1,2,3-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes
05/18/07	<b>5.1</b>	<b>18</b>	<0.10	<0.10	<0.10	<1.0	<1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.30
05/24/07	<b>18</b>	<b>12<sup>E</sup></b>	<0.050	<0.050	<0.050	<0.50	<0.50	<0.050	<0.050	<0.050	<0.050	<0.050	<0.15
06/01/07	<b>5.1</b>	<b>0.72<sup>E</sup></b>	<0.0010	<0.0010	<0.0010	<b>0.032</b>	<0.010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0030
06/08/07	<b>20</b>	<b>35<sup>J</sup></b>	<0.10	<0.10	<0.10	<1.0	<1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.30
07/09/07	<b>18<sup>E</sup></b>	<b>35<sup>E</sup></b>	<0.050	<0.050	<0.050	<0.50	<0.50	<0.050	<0.050	<0.050	<0.050	<0.050	<0.15
08/08/07	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
09/19/07	<b>24</b>	<b>33</b>	<0.20	<0.20	<0.20	<2.0	<2.0	<0.20	<0.20	<0.20	<0.20	<0.20	<0.60
10/15/07	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
11/09/07	<12	<b>24</b>	<0.25	<0.25	<0.25	<2.5	<2.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.75
12/10/07	<b>3.0</b>	<b>7.8</b>	<0.050	<0.050	<0.050	<0.50	<0.50	<0.050	<0.050	<0.050	<0.050	<0.050	<0.15
01/28/08	<b>1.4</b>	<b>5</b>	<0.025	<0.025	<0.025	<0.25	<0.25	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075
02/15/08	<b>5.3</b>	<b>8.1</b>	<0.050	<0.050	<0.050	<0.50	<0.50	<0.050	<0.050	<0.050	<0.050	<0.050	<0.15
04/02/08	<b>6.1<sup>E</sup></b>	<b>4.4</b>	<0.0010	<0.0010	<b>0.0019</b>	<b>0.016</b>	<0.010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<b>0.010</b>
05/07/08	<b>8.8</b>	<b>6.9<sup>E</sup></b>	<0.025	<0.025	<0.025	<0.25	<0.25	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075
06/03/08	<b>8.0</b>	<b>13</b>	<0.0050	<0.0050	<0.0050	<0.050	<0.050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<b>0.020</b>
07/01/08 <sup>1</sup>	<10	<b>24</b>	<0.20	<0.20	<0.20	<2.0	<2.0	<0.20	<0.20	<0.20	<0.20	<0.20	<0.60
07/01/08 <sup>2</sup>	<b>12.5</b>	<b>26.8</b>	<0.005	<0.005	<b>0.00735</b>	<0.250	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<b>0.0251</b>
07/01/08 <sup>3</sup>	<b>13.4</b>	<b>30.3</b>	<b>0.00112</b>	<0.00034	<b>0.00704</b>	<b>0.0463</b>	<0.00068	<0.00023	<0.0005	<b>0.00308</b>	NR	<b>0.00212</b>	<b>0.03144</b>
09/09/08 <sup>4</sup>	<b>25.3</b>	<b>38.6<sup>B1</sup></b>	<b>0.00186</b>	<0.0010	<b>0.00617</b>	<b>0.0922</b>	<0.010	<0.0010	<0.0010	<b>0.00308</b>	NR	<0.0010	<b>0.0358</b>
10/01/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/10/08	<b>10.70</b>	<b>25.10</b>	<b>0.00117</b>	<0.0010	<b>0.00892</b>	<b>0.0641</b>	<0.010	<0.0010	<0.0010	<b>0.00237</b>	NR	<0.0010	<b>0.0330</b>
11/13/08	<b>0.691</b>	<b>12.30</b>	<0.0010	<0.0010	<b>0.00330</b>	<0.050	<0.010	<0.0010	<0.0010	<b>0.00177</b>	NR	<0.0010	<b>0.0169</b>
12/23/08	<b>2.920</b>	<b>7.260</b>	<0.0010	<0.0010	<b>0.00246</b>	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	<b>0.0104</b>
02/06/09	<b>2.570</b>	<b>8.770</b>	<0.0010	<0.0010	<b>0.00318</b>	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	<b>0.0131</b>
04/24/09	<5.0	<b>9.440</b>	<0.0010	<0.0010	<b>0.00322</b>	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	<b>0.0166</b>
06/03/09	<b>4.890</b>	<b>32.700</b>	<b>0.00101</b>	<0.0010	<b>0.0115</b>	<0.050	<0.010	<0.0010	<0.0010	<b>0.00302</b>	NR	<0.0010	<b>0.0488</b>
08/10/09	<b>0.997</b>	<b>7.650</b>	<0.0010	<0.0010	<b>0.00267</b>	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	<b>0.0153</b>
10/22/09	<5.0 <sup>RL1</sup>	<b>6.970</b>	<0.0010	<0.0010	<b>0.00391</b>	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	<b>0.0195</b>

**Bold text indicates a detected parameter**

Notes:

NS - Location not sampled, dry or below river level    NR - Not Reported

Location LC-PC is the same location as that monitored by TDWPC and known as location LC-A.

<sup>1</sup> Environmental Science Corporation

<sup>2</sup> TestAmerica

<sup>3</sup> Tennessee Dept. of Health Environmental Laboratories

<sup>4</sup> Sample also contained 1,2-dichloroethane at 0.00114 mg/L and isopropylbenzene at 0.00156 mg/L

Laboratory qualifiers:

<sup>E</sup> Estimated result. Sample concentration exceeds the calibration range.

<sup>J</sup> Matrix interference, spike value is high

<sup>V</sup> The sample concentration is too high to evaluate accurate spike recoveries.

<sup>J6</sup> Matrix Interference, spike value too low

<sup>B1</sup> Analyte detected in method blank at less than 1/10 the concentration in the sample

<sup>RL1</sup> Reporting limit raised due to sample matrix effects

Table 1: Summary of Analytical Results Continued Liberty Creek and Harpeth River Seeps Results in mg/L													
Sampling Location LC-MS (Main Seep)													
Date	Acetone	Toluene	Benzene	cis-1,2-Dichloro-ethene	Ethyl-benzene	Methyl Ethyl Ketone (MEK)	Methyl Isobutyl Ketone (MIBK)	n-Propyl-benzene	Tetra-chloro-ethene (PCE)	1,2,4-Trimethyl-benzene	1,2,3-Trimethyl-benzene	1,3,5-Trimethyl-benzene	Xylenes
5/18/2007 <sup>a</sup>	<12	<b>54<sup>E</sup></b>	<0.25	<0.25	<0.25	<2.5	<2.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.75
5/24/2007 <sup>a</sup>	<12	<b>140</b>	<0.25	<0.25	<0.25	<2.5	<2.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.75
06/01/07	<b>51</b>	<b>760<sup>E</sup></b>	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5
06/08/07	<50	<b>330</b>	<1.0	<1.0	<1.0	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
07/09/07	<250	<b>340</b>	<5.0	<5.0	<5.0	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<15
08/08/07	<25	<b>640</b>	<b>0.57</b>	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5
09/19/07	<10	<b>32</b>	<0.20	<0.20	<0.20	<2.0	<2.0	<0.20	<0.20	<0.20	<0.20	<0.20	<0.60
10/12/07	<120	<b>260</b>	<2.5	<2.5	<2.5	<25	<25	<b>3.2</b>	<2.5	<b>17</b>	<b>3.1</b>	<b>2.9</b>	<7.5
11/09/07	<12	<b>16</b>	<0.25	<b>0.27</b>	<0.25	<2.5	<2.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.75
12/10/07	<1.2	<b>4.1</b>	<0.025	<0.025	<0.025	<0.25	<0.25	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075
01/28/08	<b>19</b>	<b>74<sup>E</sup></b>	<0.25	<0.25	<0.25	<2.5	<2.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.75
02/15/08	<b>14</b>	<b>38</b>	<0.25	<0.25	<0.25	<2.5	<2.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.75
04/02/08	<b>120<sup>E</sup></b>	<b>93</b>	<0.25	<0.25	<0.25	<2.5	<2.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.75
05/07/08	<25	<b>100<sup>E</sup></b>	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5
06/03/08	<12	<b>120</b>	<0.25	<0.25	<0.25	<2.5	<2.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.75
07/01/08 <sup>1</sup>	<12	<b>150</b>	<0.25	<0.25	<0.25	<2.5	<2.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.75
07/01/08 <sup>2</sup>	<b>10.8</b>	<b>207</b>	<b>0.0103</b>	<0.005	<b>0.0676</b>	<0.250	<0.050	<0.005	<0.005	<b>0.00885</b>	<0.005	<0.005	<b>0.212</b>
07/01/08 <sup>3</sup>	<b>13.7</b>	<b>252</b>	<b>0.00975</b>	<0.00034	<b>0.0671</b>	<b>0.0743</b>	<0.00068	<b>0.00309</b>	<0.0005	<b>0.0158</b>	NR	<b>0.00602</b>	<b>0.2166</b>
09/09/08 <sup>4</sup>	<b>3.53<sup>E</sup></b>	<b>180<sup>B1</sup></b>	<b>0.00831</b>	<0.0010	<b>0.0501</b>	<0.050	<0.010	<b>0.00143</b>	<0.0010	<b>0.0101</b>	NR	<b>0.00325</b>	<b>0.158</b>
09/09/08 <sup>3</sup>	<b>3.910</b>	<b>198</b>	<b>0.00876</b>	<0.0010	<b>0.0540</b>	<b>0.0257</b>	<b>0.0126</b>	<b>0.00149</b>	<0.0010	<b>0.0105</b>	<0.0010	<b>0.00324</b>	<b>0.1646</b>
10/01/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/10/08 <sup>5</sup>	<b>3.190</b>	<b>178.0</b>	<b>0.00745</b>	<0.0010	<b>0.0736</b>	<0.050	<0.010	<b>0.00275</b>	<0.0010	<b>0.0184</b>	NR	<b>0.00578</b>	<b>0.215</b>
11/13/08 <sup>6</sup>	<b>18.300</b>	<b>194.0</b>	<b>0.00911</b>	<0.0010	<b>0.0699</b>	<0.050	<0.010	<b>0.00261</b>	<0.0010	<b>0.0198</b>	NR	<b>0.00636</b>	<b>0.225</b>
12/23/08	<b>8.470</b>	<b>185.0</b>	<b>0.00391</b>	<0.0010	<b>0.0426</b>	<0.050	<0.010	<b>0.00309</b>	<0.0010	<b>0.0099</b>	NR	<b>0.00331</b>	<b>0.149</b>
2/6/09 <sup>7</sup>	<b>0.815</b>	<b>96.0</b>	<b>0.00330</b>	<0.0010	<b>0.0366</b>	<0.050	<0.010	<b>0.00128</b>	<0.0010	<b>0.0102</b>	NR	<b>0.00325</b>	<b>0.122</b>
04/24/09	<b>70.300</b>	<b>183.0</b>	<b>0.00649</b>	<0.0010	<b>0.0757</b>	<0.050	<0.010	<b>0.00285</b>	<0.0010	<b>0.0197</b>	NR	<b>0.00591</b>	<b>0.291</b>
6/3/09 <sup>8</sup>	<25.00	<b>185.0</b>	<b>0.00503</b>	<0.0010	<b>0.0724</b>	<b>0.121</b>	<0.010	<b>0.00242</b>	<0.0010	<b>0.0160</b>	NR	<b>0.00516</b>	<1.5
8/10/09 <sup>9</sup>	<b>9.170</b>	<b>149.0</b>	<b>0.00256</b>	<0.0010	<b>0.0574</b>	<b>0.110</b>	<b>0.0264</b>	<b>0.00221</b>	<0.0010	<b>0.0146</b>	NR	<b>0.00487</b>	<b>0.191</b>
10/22/09	<100.0 <sup>RL1</sup>	<b>108.0</b>	<b>0.00354</b>	<0.0010	<b>0.0472</b>	<b>0.0703</b>	<b>0.0286</b>	<b>0.00165</b>	<0.0010	<b>0.0120</b>	NR	<b>0.00393</b>	<b>0.159</b>

**Bold text indicates a detected parameter**

Notes:

NS - Location not sampled, dry or below river level    NR - Not Reported

<sup>a</sup> LC-MS samples on 5/18/07 and 5/24/07 were collected from downstream end of boom area; later samples collected from point of seep.

The Liberty Creek - Main Seep is a cluster of seeps, and different seeps within the cluster have been more active than others at different times.

This fact, along with complications from stream flow levels and free-product response efforts, have resulted in variations in the actual LC-MS sampling point.

<sup>1</sup> Environmental Science Corporation

<sup>2</sup> TestAmerica

<sup>3</sup> Tennessee Dept. of Health Environmental Laboratories; this lab also reported isopropylbenzene (0.00117J mg/L), methyl cyclohexane (0.00103 mg/L), and methylene chloride (0.00137 mg/L) in the 7/1/08 sample and 1,1,1-trichloroethane (0.0006J mg/L), isopropylbenzene (0.00072J mg/L), methyl cyclohexane (0.00081 mg/L), and methylene chloride (0.00126 mg/L) in the 9/9/08 sample.

<sup>4</sup> Sample also contained isopropylbenzene at 0.00211 mg/L and p-isopropyltoluene at 0.00183 mg/L

<sup>5</sup> Sample also contained isopropylbenzene at 0.00128 mg/L

<sup>6</sup> Sample also contained isopropylbenzene at 0.00125 mg/L

<sup>7</sup> Sample also contained chloroform at 0.00330 mg/L

Laboratory qualifiers:

<sup>E</sup> Estimated result. Sample concentration exceeds the calibration range.

<sup>J</sup> Matrix interference, spike value is high

<sup>V</sup> The sample concentration is too high to evaluate accurate spike recoveries.

<sup>B1</sup> Analyte detected in method blank at less than 1/10 the concentration in the sample

<sup>RL1</sup> Reporting limit raised due to sample matrix effects

<sup>J6</sup> Matrix Interference, spike value too low

**Table 1: Summary of Analytical Results Continued**  
**Liberty Creek and Harpeth River Seeps**  
**Results in mg/L**

Sampling Location HR-2 (Harpeth River 2)													
Date	Acetone	Toluene	Benzene	cis-1,2-Dichloro-ethene	Ethyl-benzene	Methyl Ethyl Ketone (MEK)	Methyl Isobutyl Ketone (MIBK)	n-Propyl-benzene	Tetra-chloro-ethene (PCE)	1,2,4-Trimethyl-benzene	1,2,3-Trimethyl-benzene	1,3,5-Trimethyl-benzene	Xylenes
05/18/07	<b>1,700<sup>E</sup></b>	<b>360<sup>E</sup></b>	<0.20	<0.20	<0.20	<2.0	<2.0	<0.20	<0.20	<0.20	<0.20	<0.20	<0.60
05/24/07	<b>1,800</b>	<b>400</b>	<5.0	<5.0	<5.0	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<15
06/01/07	<b>3,700</b>	<b>450<sup>E</sup></b>	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5
06/08/07	<b>1,900</b>	<b>470</b>	<1.0	<1.0	<1.0	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
07/09/07	<b>1,500</b>	<b>180<sup>V</sup></b>	<5.0	<5.0	<5.0	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<15
08/08/07	<b>1,600</b>	<b>150</b>	<5.0	<5.0	<5.0	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<15
09/19/07	<b>780</b>	<b>130</b>	<1.0	<1.0	<1.0	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
10/12/07	<b>890</b>	<b>250</b>	<2.5	<2.5	<2.5	<25	<25	<2.5	<2.5	<2.5	<2.5	<2.5	<7.5
11/09/07	<b>400</b>	<b>180</b>	<1.0	<1.0	<1.0	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
12/10/07	<b>620<sup>J6</sup></b>	<b>160<sup>J6</sup></b>	<1.0	<1.0	<1.0	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
01/28/08	<b>330<sup>E</sup></b>	<b>84</b>	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5
02/21/08	<b>460</b>	<b>170</b>	<0.50	<0.50	<0.50	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<1.5
04/02/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
05/07/08	<b>390</b>	<b>140</b>	<1.0	<1.0	<1.0	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
06/10/08	<b>300</b>	<b>160</b>	<b>1.2</b>	<1.0	<1.0	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
06/18/08	<b>950</b>	<b>300</b>	<b>0.018</b>	<0.010	<b>0.14</b>	<b>3.5</b>	<b>1.7</b>	<0.010	<0.010	<b>0.023</b>	<0.010	<0.010	<b>0.55</b>
07/01/08 <sup>1</sup>	<b>640</b>	<b>200</b>	<0.10	<0.10	<b>0.10</b>	<b>1.8</b>	<b>1.0</b>	<0.10	<0.10	<0.10	<0.10	<0.10	<b>0.44</b>
07/01/08 <sup>2</sup>	<b>543</b>	<b>231</b>	<b>0.012</b>	<0.010	<b>0.120</b>	<b>3.060</b>	<0.10	<0.010	<0.010	<0.010	<0.010	<0.010	<b>0.471</b>
07/01/08 <sup>3</sup>	<b>773</b>	<b>294</b>	<b>0.0113</b>	<0.00034	<b>0.0820</b>	<b>3.140</b>	<b>1.160</b>	<b>0.00413</b>	<0.00050	<b>0.0233</b>	NR	<b>0.00853</b>	<b>0.3677</b>
09/09/08 <sup>4</sup>	<b>852</b>	<b>230<sup>B1</sup></b>	<b>0.0117</b>	<0.0010	<b>0.106</b>	<b>4.590<sup>E</sup></b>	<0.010	<b>0.00291</b>	<0.0010	<b>0.0225</b>	NR	<b>0.00760</b>	<b>0.511<sup>E</sup></b>
09/09/08 <sup>3</sup>	<b>855</b>	<b>219</b>	<b>0.0120</b>	<0.0010	<b>0.0709</b>	<b>4.470</b>	<b>1.650</b>	<b>0.00272</b>	<b>0.540<sup>J</sup></b>	<b>0.0239</b>	<0.0010	<b>0.00710</b>	<b>0.323</b>
10/1/2008 <sup>5</sup>	<b>692</b>	<b>326</b>	<b>0.0162</b>	<0.0010	<b>0.123</b>	<50	<b>0.482</b>	<b>0.00271</b>	<0.0010	<b>0.0217</b>	NR	<b>0.00687</b>	<b>0.423</b>
10/10/08 <sup>6</sup>	<b>489</b>	<b>179</b>	<b>0.0116</b>	<0.0010	<b>0.0902</b>	<b>3.12<sup>E</sup></b>	<b>0.816</b>	<b>0.00249</b>	<0.0010	<b>0.0210</b>	NR	<b>0.00628</b>	<b>0.340</b>
11/13/08 <sup>7</sup>	<b>308</b>	<b>186</b>	<b>0.0110</b>	<0.0010	<b>0.0902</b>	<b>1.900<sup>E</sup></b>	<b>0.546</b>	<b>0.00316</b>	<0.0010	<b>0.0255</b>	NR	<b>0.00810</b>	<b>0.343</b>
12/23/08	<b>186</b>	<b>99</b>	<b>0.00622</b>	<0.0010	<b>0.0909</b>	<b>1.320</b>	<0.010	<b>0.00491</b>	<0.0010	<b>0.0229</b>	NR	<b>0.00723</b>	<b>0.380</b>
2/6/2009 <sup>8</sup>	<b>75.50</b>	<b>104</b>	<b>0.00481</b>	<0.0010	<b>0.0742</b>	<b>0.321</b>	<b>0.430</b>	<b>0.00233</b>	<0.0010	<b>0.0196</b>	NR	<b>0.00630</b>	<b>0.362</b>
04/24/09	<0.050	<b>30</b>	<b>0.00145</b>	<0.0010	<b>0.0234</b>	<0.050	<0.010	<0.0010	<0.0010	<b>0.00879</b>	NR	<b>0.00283</b>	<b>0.114</b>
06/03/09	<0.050	<b>78.5</b>	<b>0.00277</b>	<0.0010	<b>0.0485</b>	<0.050	<0.010	<b>0.00202</b>	<0.0010	<b>0.0154</b>	NR	<b>0.00465</b>	<b>0.225</b>
8/10/09 <sup>9</sup>	<0.050	<b>90.8</b>	<b>0.00337</b>	<0.0010	<b>0.0599</b>	<0.050	<0.010	<b>0.00243</b>	<0.0010	<b>0.0174</b>	NR	<b>0.00559</b>	<b>0.234</b>
10/02/09	<0.050	<b>49.6</b>	<b>0.00322</b>	<0.0010	<b>0.0475</b>	<0.050	<0.010	<b>0.00188</b>	<0.0010	<b>0.0141</b>	NR	<b>0.00450</b>	<b>0.184</b>

**Bold text indicates a detected parameter**

Notes:

NS - Location not sampled, dry or below river level      NR - Not Reported

<sup>1</sup> Environmental Science Corporation

<sup>2</sup> TestAmerica

<sup>3</sup> Tennessee Dept. of Health Environmental Laboratories; this lab also reported 2-hexanone (0.00116J mg/L), isopropylbenzene (0.00216 mg/L), and methylene chloride (0.000720 mg/L) in the 7/1/08 sample, and 2-hexanone (0.0123 mg/L), carbon disulfide (0.00174 mg/L), isopropylbenzene (0.00145J mg/L), and methylene chloride (0.000830 mg/L) in the 9/9/08 sample.

<sup>4</sup> Sample also contained isopropylbenzene at 0.00289 mg/L and p-isopropyltoluene at 0.00190 mg/L.

<sup>5</sup> Sample also contained isopropylbenzene at 0.00132 mg/L

<sup>6</sup> Sample also contained isopropylbenzene at 0.00138 mg/L

<sup>7</sup> Sample also contained isopropylbenzene at 0.00158 mg/L

Laboratory qualifiers:

<sup>E</sup> Estimated result. Sample concentration exceeds the calibration range.

<sup>J</sup> Matrix interference, spike value is high (for TDEH lab results: estimated value)

<sup>V</sup> The sample concentration is too high to evaluate accurate spike recoveries.

<sup>B1</sup> Analyte detected in method blank at less than 1/10 the concentration in the sample

<sup>J6</sup> Matrix Interference, spike value too low

Table 1: Summary of Analytical Results Continued Liberty Creek and Harpeth River Seeps Results in mg/L													
Sampling Location Watergate (Upstream of Main Seep)													
Date	Acetone	Toluene	Benzene	cis-1,2-Dichloroethene	Ethylbenzene	Methyl Ethyl Ketone (MEK)	Methyl Isobutyl Ketone (MIBK)	n-Propylbenzene	Tetra-chloroethene (PCE)	1,2,4-Trimethylbenzene	1,2,3-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes
11/09/07	<0.50	11	<0.050	<0.050	<0.050	<0.50	<0.50	<0.050	0.053	<0.050	<0.050	<0.050	<0.15
12/10/07	<1.2	4.2	<0.025	<0.025	<0.025	<0.25	<0.25	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075
01/28/08	0.52	2.6	<0.10	<0.10	<0.10	<1.0	<1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.30
02/15/08	<1.0	4.3 <sup>E</sup>	<0.020	<0.020	<0.020	<0.20	<0.20	<0.020	<0.020	<0.020	<0.020	<0.020	<0.060
04/02/08	3.0 <sup>E</sup>	7.0	<0.0010	<0.0010	0.0016	<0.010	<0.010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0069
05/07/08	<0.5	3.0 <sup>E</sup>	<0.010	<0.010	<0.010	<0.10	<0.10	<0.010	<0.010	<0.010	<0.010	<0.010	<0.030
06/03/08	0.12	5.9	<0.0010	<0.0010	0.0018	<0.010	<0.010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0068
07/01/08 <sup>1</sup>	<50	180	<1.0	<1.0	<1.0	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0
07/01/08 <sup>2</sup>	0.642	15.1	<0.005	<0.005	<0.005	<0.250	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005	<0.015
07/01/08 <sup>3</sup>	0.568	18.8	0.00080	<0.00034	0.00564	<0.0075	<0.00068	<0.00023	<0.00050	0.00260	NR	0.00188	0.02008
09/09/08 <sup>4</sup>	0.0986	13.5 <sup>B1</sup>	<0.0010	<0.0010	0.00202	<0.050	<0.010	<0.0010	<0.0010	0.00183	NR	<0.0010	0.00893
10/01/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
10/10/08	<2.5 <sup>RL1</sup>	17.90	<0.0010	<0.0010	0.00698	<0.050	<0.010	<0.0010	<0.0010	0.00196	NR	<0.0010	0.0229
11/13/08	<0.050	15.80	<0.0010	<0.0010	0.00508	<0.050	<0.010	<0.0010	<0.0010	0.00160	NR	<0.0010	0.0174
12/23/08	<0.050	2.750	<0.0010	<0.0010	0.00105	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	0.00327
02/06/09	<0.050	2.750	<0.0010	<0.0010	<0.0010	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	0.00312
04/24/09	2.540	5.370	<0.0010	<0.0010	0.00205	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	0.00926
06/03/09	1.180	12.200	<0.0010	<0.0010	0.00518	<0.050	<0.010	<0.0010	<0.0010	0.00122	NR	<0.0010	0.0177
08/10/09	0.187	4.550	<0.0010	<0.0010	0.00153	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	0.00603
10/22/09	<0.050	3.270	<0.0010	<0.0010	0.00124	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	0.00480

**Bold text indicates a detected parameter**

Notes:

NS - Location not sampled, dry or below river level    NR - Not Reported

<sup>1</sup> Environmental Science Corporation

<sup>2</sup> TestAmerica

<sup>3</sup> Tennessee Dept. of Health Environmental Laboratories

<sup>4</sup> Sample also contained isopropylbenzene at 0.00151 mg/L and p-isopropyltoluene at 0.00177 mg/L

Laboratory qualifiers:

<sup>E</sup> Estimated result. Sample concentration exceeds the calibration range.

<sup>J</sup> Matrix interference, spike value is high

<sup>V</sup> The sample concentration is too high to evaluate accurate spike recoveries.

<sup>J6</sup> Matrix Interference, spike value too low

<sup>B1</sup> Analyte detected in method blank at less than 1/10 the concentration in the sample

<sup>RL1</sup> Reporting limit raised due to matrix effects.

**Table 1: Summary of Analytical Results Continued**  
**Liberty Creek and Harpeth River Seeps**  
**Results in mg/L**

Sampling Location HR-DS-LC (Harpeth River Downstream of Liberty Creek)													
Date	Acetone	Toluene	Benzene	cis-1,2-Dichloro-ethene	Ethyl-benzene	Methyl Ethyl Ketone (MEK)	Methyl Isobutyl Ketone (MIBK)	n-Propyl-benzene	Tetra-chloro-ethene (PCE)	1,2,4-Trimethyl-benzene	1,2,3-Trimethyl-benzene	1,3,5-Trimethyl-benzene	Xylenes
11/13/08	<0.050	<b>0.0505</b>	<0.0010	<0.0010	<0.0010	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	<0.0030
12/23/08	<0.050	<b>0.00851</b>	<0.0010	<0.0010	<0.0010	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	<0.0030
02/06/09	<0.050	<b>0.0249</b>	<0.0010	<0.0010	<0.0010	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	<0.0030
04/24/09	<b>0.0678</b>	<b>0.0288</b>	<0.0010	<0.0010	<0.0010	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	<0.0030
06/03/09	<0.050	<b>0.0260</b>	<0.0010	<0.0010	<0.0010	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	<0.0030
08/10/09	<0.050	<b>0.0252</b>	<0.0010	<0.0010	<0.0010	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	<0.0030
10/22/09	<0.050	<b>0.0130</b>	<0.0010	<0.0010	<0.0010	<0.050	<0.010	<0.0010	<0.0010	<0.0010	NR	<0.0010	<0.0030

**Bold text indicates a detected parameter**

Notes:

NS - Location not sampled, dry or below river level    NR - Not Reported

Laboratory qualifiers:

<sup>E</sup> Estimated result. Sample concentration exceeds the calibration range.

<sup>J</sup> Matrix interference, spike value is high

<sup>V</sup> The sample concentration is too high to evaluate accurate spike recoveries.

<sup>J6</sup> Matrix Interference, spike value too low

<sup>B1</sup> Analyte detected in method blank at less than 1/10 the concentration in the sample

<sup>RL1</sup> Reporting limit raised due to matrix effects.

October 29, 2009 2:02:41PM

Client: TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214  
Attn: Chris Scott

Work Order: NSJ2084  
Project Name: Elmco  
Project Nbr: 07-Elm01-01  
P/O Nbr:  
Date Received: 10/22/09

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
LC-PC	NSJ2084-01	10/22/09 11:55
LC-MS	NSJ2084-02	10/22/09 12:00
Watergate	NSJ2084-03	10/22/09 12:05
HR-2	NSJ2084-04	10/22/09 11:25
HR-DS-LC	NSJ2084-05	10/22/09 12:15
Trip Blank	NSJ2084-06	10/22/09 00:01

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Tennessee Certification Number: 02008

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

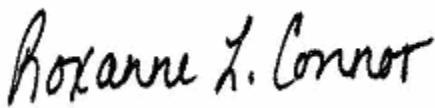
These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Roxanne Connor

Program Manager - Conventional Accounts

Client TriAD Env. Consultants (6921)  
 207 Donelson Pike, Suite 200  
 Nashville, TN 37214

Attn Chris Scott

Work Order: NSJ2084  
 Project Name: Elmco  
 Project Number: 07-Elm01-01  
 Received: 10/22/09 13:20

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSJ2084-01 (LC-PC - Water) Sampled: 10/22/09 11:55</b>								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND	RL1	ug/L	5000	100	10/25/09 02:35	SW846 8260B	9104619
Benzene	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
Bromobenzene	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
Bromochloromethane	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
Bromodichloromethane	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
Bromoform	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
Bromomethane	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
2-Butanone	ND		ug/L	50.0	1	10/23/09 12:52	SW846 8260B	9104017
sec-Butylbenzene	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
n-Butylbenzene	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
tert-Butylbenzene	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
Carbon disulfide	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
Carbon Tetrachloride	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
Chlorobenzene	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
Chlorodibromomethane	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
Chloroethane	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
Chloroform	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
Chloromethane	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
2-Chlorotoluene	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
4-Chlorotoluene	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/23/09 12:52	SW846 8260B	9104017
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
Dibromomethane	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
1,1-Dichloroethane	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
1,2-Dichloroethane	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
1,1-Dichloroethene	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
1,3-Dichloropropane	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
1,2-Dichloropropane	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
2,2-Dichloropropane	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
1,1-Dichloropropene	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
Ethylbenzene	3.91		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
Hexachlorobutadiene	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
2-Hexanone	ND		ug/L	50.0	1	10/23/09 12:52	SW846 8260B	9104017
Isopropylbenzene	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
p-Isopropyltoluene	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214

Attn Chris Scott

Work Order: NSJ2084  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 10/22/09 13:20

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSJ2084-01 (LC-PC - Water) - cont. Sampled: 10/22/09 11:55</b>								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
Methylene Chloride	ND		ug/L	5.00	1	10/23/09 12:52	SW846 8260B	9104017
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/23/09 12:52	SW846 8260B	9104017
Naphthalene	ND		ug/L	5.00	1	10/23/09 12:52	SW846 8260B	9104017
n-Propylbenzene	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
Styrene	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
Tetrachloroethene	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
Toluene	<b>6970</b>		ug/L	100	100	10/25/09 02:35	SW846 8260B	9104619
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
Trichloroethene	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
Trichlorofluoromethane	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
Vinyl chloride	ND		ug/L	1.00	1	10/23/09 12:52	SW846 8260B	9104017
Xylenes, total	<b>19.5</b>		ug/L	3.00	1	10/23/09 12:52	SW846 8260B	9104017
Surr: 1,2-Dichloroethane-d4 (63-140%)	118 %					10/23/09 12:52	SW846 8260B	9104017
Surr: 1,2-Dichloroethane-d4 (63-140%)	108 %					10/25/09 02:35	SW846 8260B	9104619
Surr: Dibromofluoromethane (73-131%)	119 %					10/23/09 12:52	SW846 8260B	9104017
Surr: Dibromofluoromethane (73-131%)	113 %					10/25/09 02:35	SW846 8260B	9104619
Surr: Toluene-d8 (80-120%)	80 %					10/23/09 12:52	SW846 8260B	9104017
Surr: Toluene-d8 (80-120%)	101 %					10/25/09 02:35	SW846 8260B	9104619
Surr: 4-Bromofluorobenzene (79-125%)	87 %					10/23/09 12:52	SW846 8260B	9104017
Surr: 4-Bromofluorobenzene (79-125%)	87 %					10/25/09 02:35	SW846 8260B	9104619

Client TriAD Env. Consultants (6921)  
 207 Donelson Pike, Suite 200  
 Nashville, TN 37214

Attn Chris Scott

Work Order: NSJ2084  
 Project Name: Elmco  
 Project Number: 07-Elm01-01  
 Received: 10/22/09 13:20

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSJ2084-02 (LC-MS - Water) Sampled: 10/22/09 12:00</b>								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND	RL1	ug/L	100000	2000	10/25/09 00:55	SW846 8260B	9104619
Benzene	<b>3.54</b>		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
Bromobenzene	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
Bromochloromethane	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
Bromodichloromethane	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
Bromoform	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
Bromomethane	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
2-Butanone	<b>70.3</b>		ug/L	50.0	1	10/23/09 13:17	SW846 8260B	9104017
sec-Butylbenzene	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
n-Butylbenzene	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
tert-Butylbenzene	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
Carbon disulfide	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
Carbon Tetrachloride	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
Chlorobenzene	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
Chlorodibromomethane	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
Chloroethane	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
Chloroform	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
Chloromethane	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
2-Chlorotoluene	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
4-Chlorotoluene	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/23/09 13:17	SW846 8260B	9104017
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
Dibromomethane	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
1,1-Dichloroethane	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
1,2-Dichloroethane	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
1,1-Dichloroethene	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
1,3-Dichloropropane	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
1,2-Dichloropropane	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
2,2-Dichloropropane	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
1,1-Dichloropropene	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
Ethylbenzene	<b>47.2</b>		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
Hexachlorobutadiene	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
2-Hexanone	ND		ug/L	50.0	1	10/23/09 13:17	SW846 8260B	9104017
Isopropylbenzene	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
p-Isopropyltoluene	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214

Attn Chris Scott

Work Order: NSJ2084  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 10/22/09 13:20

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSJ2084-02 (LC-MS - Water) - cont. Sampled: 10/22/09 12:00</b>								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
Methylene Chloride	ND		ug/L	5.00	1	10/23/09 13:17	SW846 8260B	9104017
4-Methyl-2-pentanone	<b>28.6</b>		ug/L	10.0	1	10/23/09 13:17	SW846 8260B	9104017
Naphthalene	ND		ug/L	5.00	1	10/23/09 13:17	SW846 8260B	9104017
n-Propylbenzene	<b>1.65</b>		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
Styrene	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
Tetrachloroethene	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
Toluene	<b>108000</b>		ug/L	2000	2000	10/25/09 00:55	SW846 8260B	9104619
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
Trichloroethene	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
Trichlorofluoromethane	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
1,3,5-Trimethylbenzene	<b>3.93</b>		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
1,2,4-Trimethylbenzene	<b>12.0</b>		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
Vinyl chloride	ND		ug/L	1.00	1	10/23/09 13:17	SW846 8260B	9104017
Xylenes, total	<b>159</b>		ug/L	3.00	1	10/23/09 13:17	SW846 8260B	9104017
Surr: 1,2-Dichloroethane-d4 (63-140%)	113 %					10/23/09 13:17	SW846 8260B	9104017
Surr: 1,2-Dichloroethane-d4 (63-140%)	108 %					10/25/09 00:55	SW846 8260B	9104619
Surr: Dibromofluoromethane (73-131%)	117 %					10/23/09 13:17	SW846 8260B	9104017
Surr: Dibromofluoromethane (73-131%)	112 %					10/25/09 00:55	SW846 8260B	9104619
Surr: Toluene-d8 (80-120%)	12 %	ZX				10/23/09 13:17	SW846 8260B	9104017
Surr: Toluene-d8 (80-120%)	100 %					10/25/09 00:55	SW846 8260B	9104619
Surr: 4-Bromofluorobenzene (79-125%)	87 %					10/23/09 13:17	SW846 8260B	9104017
Surr: 4-Bromofluorobenzene (79-125%)	86 %					10/25/09 00:55	SW846 8260B	9104619

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214

Attn Chris Scott

Work Order: NSJ2084  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 10/22/09 13:20

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSJ2084-03 (Watergate - Water) Sampled: 10/22/09 12:05</b>								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/23/09 13:42	SW846 8260B	9104017
Benzene	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
Bromobenzene	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
Bromochloromethane	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
Bromodichloromethane	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
Bromoform	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
Bromomethane	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
2-Butanone	ND		ug/L	50.0	1	10/23/09 13:42	SW846 8260B	9104017
sec-Butylbenzene	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
n-Butylbenzene	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
tert-Butylbenzene	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
Carbon disulfide	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
Carbon Tetrachloride	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
Chlorobenzene	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
Chlorodibromomethane	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
Chloroethane	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
Chloroform	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
Chloromethane	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
2-Chlorotoluene	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
4-Chlorotoluene	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/23/09 13:42	SW846 8260B	9104017
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
Dibromomethane	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
1,1-Dichloroethane	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
1,2-Dichloroethane	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
1,1-Dichloroethene	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
1,3-Dichloropropane	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
1,2-Dichloropropane	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
2,2-Dichloropropane	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
1,1-Dichloropropene	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
Ethylbenzene	<b>1.24</b>		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
Hexachlorobutadiene	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
2-Hexanone	ND		ug/L	50.0	1	10/23/09 13:42	SW846 8260B	9104017
Isopropylbenzene	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
p-Isopropyltoluene	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214

Attn Chris Scott

Work Order: NSJ2084  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 10/22/09 13:20

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSJ2084-03 (Watergate - Water) - cont. Sampled: 10/22/09 12:05</b>								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
Methylene Chloride	ND		ug/L	5.00	1	10/23/09 13:42	SW846 8260B	9104017
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/23/09 13:42	SW846 8260B	9104017
Naphthalene	ND		ug/L	5.00	1	10/23/09 13:42	SW846 8260B	9104017
n-Propylbenzene	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
Styrene	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
Tetrachloroethene	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
Toluene	<b>3270</b>		ug/L	100	100	10/25/09 03:00	SW846 8260B	9104619
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
Trichloroethene	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
Trichlorofluoromethane	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
Vinyl chloride	ND		ug/L	1.00	1	10/23/09 13:42	SW846 8260B	9104017
Xylenes, total	<b>4.80</b>		ug/L	3.00	1	10/23/09 13:42	SW846 8260B	9104017
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	<i>117 %</i>					<i>10/23/09 13:42</i>	<i>SW846 8260B</i>	<i>9104017</i>
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	<i>106 %</i>					<i>10/25/09 03:00</i>	<i>SW846 8260B</i>	<i>9104619</i>
<i>Surr: Dibromofluoromethane (73-131%)</i>	<i>118 %</i>					<i>10/23/09 13:42</i>	<i>SW846 8260B</i>	<i>9104017</i>
<i>Surr: Dibromofluoromethane (73-131%)</i>	<i>111 %</i>					<i>10/25/09 03:00</i>	<i>SW846 8260B</i>	<i>9104619</i>
<i>Surr: Toluene-d8 (80-120%)</i>	<i>90 %</i>					<i>10/23/09 13:42</i>	<i>SW846 8260B</i>	<i>9104017</i>
<i>Surr: Toluene-d8 (80-120%)</i>	<i>100 %</i>					<i>10/25/09 03:00</i>	<i>SW846 8260B</i>	<i>9104619</i>
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	<i>88 %</i>					<i>10/23/09 13:42</i>	<i>SW846 8260B</i>	<i>9104017</i>
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	<i>87 %</i>					<i>10/25/09 03:00</i>	<i>SW846 8260B</i>	<i>9104619</i>

Client TriAD Env. Consultants (6921)  
 207 Donelson Pike, Suite 200  
 Nashville, TN 37214  
 Attn Chris Scott

Work Order: NSJ2084  
 Project Name: Elmco  
 Project Number: 07-Elm01-01  
 Received: 10/22/09 13:20

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSJ2084-04 (HR-2 - Water) Sampled: 10/22/09 11:25</b>								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/23/09 14:07	SW846 8260B	9104017
Benzene	<b>3.22</b>		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
Bromobenzene	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
Bromochloromethane	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
Bromodichloromethane	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
Bromoform	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
Bromomethane	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
2-Butanone	ND		ug/L	50.0	1	10/23/09 14:07	SW846 8260B	9104017
sec-Butylbenzene	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
n-Butylbenzene	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
tert-Butylbenzene	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
Carbon disulfide	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
Carbon Tetrachloride	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
Chlorobenzene	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
Chlorodibromomethane	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
Chloroethane	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
Chloroform	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
Chloromethane	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
2-Chlorotoluene	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
4-Chlorotoluene	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/23/09 14:07	SW846 8260B	9104017
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
Dibromomethane	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
1,1-Dichloroethane	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
1,2-Dichloroethane	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
1,1-Dichloroethene	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
1,3-Dichloropropane	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
1,2-Dichloropropane	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
2,2-Dichloropropane	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
1,1-Dichloropropene	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
Ethylbenzene	<b>47.5</b>		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
Hexachlorobutadiene	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
2-Hexanone	ND		ug/L	50.0	1	10/23/09 14:07	SW846 8260B	9104017
Isopropylbenzene	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
p-Isopropyltoluene	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214

Attn Chris Scott

Work Order: NSJ2084  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 10/22/09 13:20

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSJ2084-04 (HR-2 - Water) - cont. Sampled: 10/22/09 11:25</b>								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
Methylene Chloride	ND		ug/L	5.00	1	10/23/09 14:07	SW846 8260B	9104017
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/23/09 14:07	SW846 8260B	9104017
Naphthalene	ND		ug/L	5.00	1	10/23/09 14:07	SW846 8260B	9104017
n-Propylbenzene	<b>1.88</b>		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
Styrene	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
Tetrachloroethene	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
Toluene	<b>49600</b>		ug/L	2000	2000	10/25/09 01:45	SW846 8260B	9104619
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
Trichloroethene	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
Trichlorofluoromethane	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
1,3,5-Trimethylbenzene	<b>4.50</b>		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
1,2,4-Trimethylbenzene	<b>14.1</b>		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
Vinyl chloride	ND		ug/L	1.00	1	10/23/09 14:07	SW846 8260B	9104017
Xylenes, total	<b>184</b>		ug/L	3.00	1	10/23/09 14:07	SW846 8260B	9104017
Surr: 1,2-Dichloroethane-d4 (63-140%)	116 %					10/23/09 14:07	SW846 8260B	9104017
Surr: 1,2-Dichloroethane-d4 (63-140%)	108 %					10/25/09 01:45	SW846 8260B	9104619
Surr: Dibromofluoromethane (73-131%)	122 %					10/23/09 14:07	SW846 8260B	9104017
Surr: Dibromofluoromethane (73-131%)	111 %					10/25/09 01:45	SW846 8260B	9104619
Surr: Toluene-d8 (80-120%)	24 %	ZX				10/23/09 14:07	SW846 8260B	9104017
Surr: Toluene-d8 (80-120%)	99 %					10/25/09 01:45	SW846 8260B	9104619
Surr: 4-Bromofluorobenzene (79-125%)	87 %					10/23/09 14:07	SW846 8260B	9104017
Surr: 4-Bromofluorobenzene (79-125%)	86 %					10/25/09 01:45	SW846 8260B	9104619

Client TriAD Env. Consultants (6921)  
 207 Donelson Pike, Suite 200  
 Nashville, TN 37214  
 Attn Chris Scott

Work Order: NSJ2084  
 Project Name: Elmco  
 Project Number: 07-Elm01-01  
 Received: 10/22/09 13:20

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSJ2084-05 (HR-DS-LC - Water) Sampled: 10/22/09 12:15</b>								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	10/24/09 19:54	SW846 8260B	9104619
Benzene	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
Bromobenzene	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
Bromochloromethane	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
Bromodichloromethane	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
Bromoform	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
Bromomethane	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
2-Butanone	ND		ug/L	50.0	1	10/24/09 19:54	SW846 8260B	9104619
sec-Butylbenzene	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
n-Butylbenzene	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
tert-Butylbenzene	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
Carbon disulfide	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
Carbon Tetrachloride	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
Chlorobenzene	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
Chlorodibromomethane	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
Chloroethane	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
Chloroform	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
Chloromethane	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
2-Chlorotoluene	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
4-Chlorotoluene	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/24/09 19:54	SW846 8260B	9104619
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
Dibromomethane	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
1,1-Dichloroethane	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
1,2-Dichloroethane	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
1,1-Dichloroethene	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
1,3-Dichloropropane	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
1,2-Dichloropropane	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
2,2-Dichloropropane	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
1,1-Dichloropropene	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
Ethylbenzene	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
Hexachlorobutadiene	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
2-Hexanone	ND		ug/L	50.0	1	10/24/09 19:54	SW846 8260B	9104619
Isopropylbenzene	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
p-Isopropyltoluene	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619

Client TriAD Env. Consultants (6921)  
 207 Donelson Pike, Suite 200  
 Nashville, TN 37214

Attn Chris Scott

Work Order: NSJ2084  
 Project Name: Elmco  
 Project Number: 07-Elm01-01  
 Received: 10/22/09 13:20

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSJ2084-05 (HR-DS-LC - Water) - cont. Sampled: 10/22/09 12:15</b>								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
Methylene Chloride	ND		ug/L	5.00	1	10/24/09 19:54	SW846 8260B	9104619
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/24/09 19:54	SW846 8260B	9104619
Naphthalene	ND		ug/L	5.00	1	10/24/09 19:54	SW846 8260B	9104619
n-Propylbenzene	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
Styrene	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
Tetrachloroethene	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
Toluene	<b>13.0</b>		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
Trichloroethene	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
Trichlorofluoromethane	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
Vinyl chloride	ND		ug/L	1.00	1	10/24/09 19:54	SW846 8260B	9104619
Xylenes, total	ND		ug/L	3.00	1	10/24/09 19:54	SW846 8260B	9104619
Surr: 1,2-Dichloroethane-d4 (63-140%)	108 %					10/24/09 19:54	SW846 8260B	9104619
Surr: Dibromofluoromethane (73-131%)	112 %					10/24/09 19:54	SW846 8260B	9104619
Surr: Toluene-d8 (80-120%)	99 %					10/24/09 19:54	SW846 8260B	9104619
Surr: 4-Bromofluorobenzene (79-125%)	86 %					10/24/09 19:54	SW846 8260B	9104619

## Sample ID: NSJ2084-06 (Trip Blank - Water) Sampled: 10/22/09 00:01

Volatile Organic Compounds by EPA Method 8260B

Acetone	ND		ug/L	50.0	1	10/27/09 11:19	SW846 8260B	9104626
Benzene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
Bromobenzene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
Bromochloromethane	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
Bromodichloromethane	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
Bromoform	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
Bromomethane	ND	L	ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
2-Butanone	ND		ug/L	50.0	1	10/27/09 11:19	SW846 8260B	9104626
sec-Butylbenzene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
n-Butylbenzene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
tert-Butylbenzene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
Carbon disulfide	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
Carbon Tetrachloride	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
Chlorobenzene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
Chlorodibromomethane	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
Chloroethane	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626

Client	TriAD Env. Consultants (6921)	Work Order:	NSJ2084
	207 Donelson Pike, Suite 200	Project Name:	Elmco
	Nashville, TN 37214	Project Number:	07-Elm01-01
Attn	Chris Scott	Received:	10/22/09 13:20

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSJ2084-06 (Trip Blank - Water) - cont. Sampled: 10/22/09 00:01</b>								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Chloroform	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
Chloromethane	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
2-Chlorotoluene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
4-Chlorotoluene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	10/27/09 11:19	SW846 8260B	9104626
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
Dibromomethane	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
Dichlorodifluoromethane	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
1,1-Dichloroethane	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
1,2-Dichloroethane	ND	L	ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
1,1-Dichloroethene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
1,3-Dichloropropane	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
1,2-Dichloropropane	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
2,2-Dichloropropane	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
1,1-Dichloropropene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
Ethylbenzene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
Hexachlorobutadiene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
2-Hexanone	ND		ug/L	50.0	1	10/27/09 11:19	SW846 8260B	9104626
Isopropylbenzene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
p-Isopropyltoluene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
Methylene Chloride	ND		ug/L	5.00	1	10/27/09 11:19	SW846 8260B	9104626
4-Methyl-2-pentanone	ND		ug/L	10.0	1	10/27/09 11:19	SW846 8260B	9104626
Naphthalene	ND		ug/L	5.00	1	10/27/09 11:19	SW846 8260B	9104626
n-Propylbenzene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
Styrene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
Tetrachloroethene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
Toluene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
Trichloroethene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
Trichlorofluoromethane	ND	L	ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214  
Attn Chris Scott

Work Order: NSJ2084  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 10/22/09 13:20

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSJ2084-06 (Trip Blank - Water) - cont. Sampled: 10/22/09 00:01</b>								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
Vinyl chloride	ND		ug/L	1.00	1	10/27/09 11:19	SW846 8260B	9104626
Xylenes, total	ND		ug/L	3.00	1	10/27/09 11:19	SW846 8260B	9104626
<i>Surr: 1,2-Dichloroethane-d4 (63-140%)</i>	<i>136 %</i>					<i>10/27/09 11:19</i>	<i>SW846 8260B</i>	<i>9104626</i>
<i>Surr: Dibromofluoromethane (73-131%)</i>	<i>116 %</i>					<i>10/27/09 11:19</i>	<i>SW846 8260B</i>	<i>9104626</i>
<i>Surr: Toluene-d8 (80-120%)</i>	<i>102 %</i>					<i>10/27/09 11:19</i>	<i>SW846 8260B</i>	<i>9104626</i>
<i>Surr: 4-Bromofluorobenzene (79-125%)</i>	<i>94 %</i>					<i>10/27/09 11:19</i>	<i>SW846 8260B</i>	<i>9104626</i>

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Project Name: Elmco  
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Received: 10/22/09 13:20

**PROJECT QUALITY CONTROL DATA**  
**Blank**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>						
<b>9104017-BLK1</b>						
Acetone	<25.0		ug/L	9104017	9104017-BLK1	10/23/09 10:21
Benzene	<0.410		ug/L	9104017	9104017-BLK1	10/23/09 10:21
Bromobenzene	<0.360		ug/L	9104017	9104017-BLK1	10/23/09 10:21
Bromochloromethane	<0.470		ug/L	9104017	9104017-BLK1	10/23/09 10:21
Bromodichloromethane	<0.270		ug/L	9104017	9104017-BLK1	10/23/09 10:21
Bromoform	<0.430		ug/L	9104017	9104017-BLK1	10/23/09 10:21
Bromomethane	<0.300		ug/L	9104017	9104017-BLK1	10/23/09 10:21
2-Butanone	<2.10		ug/L	9104017	9104017-BLK1	10/23/09 10:21
sec-Butylbenzene	<0.360		ug/L	9104017	9104017-BLK1	10/23/09 10:21
n-Butylbenzene	<0.310		ug/L	9104017	9104017-BLK1	10/23/09 10:21
tert-Butylbenzene	<0.380		ug/L	9104017	9104017-BLK1	10/23/09 10:21
Carbon disulfide	<0.360		ug/L	9104017	9104017-BLK1	10/23/09 10:21
Carbon Tetrachloride	<0.330		ug/L	9104017	9104017-BLK1	10/23/09 10:21
Chlorobenzene	<0.220		ug/L	9104017	9104017-BLK1	10/23/09 10:21
Chlorodibromomethane	<0.260		ug/L	9104017	9104017-BLK1	10/23/09 10:21
Chloroethane	<0.460		ug/L	9104017	9104017-BLK1	10/23/09 10:21
Chloroform	<0.250		ug/L	9104017	9104017-BLK1	10/23/09 10:21
Chloromethane	<0.390		ug/L	9104017	9104017-BLK1	10/23/09 10:21
2-Chlorotoluene	<0.510		ug/L	9104017	9104017-BLK1	10/23/09 10:21
4-Chlorotoluene	<0.510		ug/L	9104017	9104017-BLK1	10/23/09 10:21
1,2-Dibromo-3-chloropropane	<0.860		ug/L	9104017	9104017-BLK1	10/23/09 10:21
1,2-Dibromoethane (EDB)	<0.460		ug/L	9104017	9104017-BLK1	10/23/09 10:21
Dibromomethane	<0.410		ug/L	9104017	9104017-BLK1	10/23/09 10:21
1,4-Dichlorobenzene	<0.430		ug/L	9104017	9104017-BLK1	10/23/09 10:21
1,3-Dichlorobenzene	<0.320		ug/L	9104017	9104017-BLK1	10/23/09 10:21
1,2-Dichlorobenzene	<0.400		ug/L	9104017	9104017-BLK1	10/23/09 10:21
Dichlorodifluoromethane	<0.190		ug/L	9104017	9104017-BLK1	10/23/09 10:21
1,1-Dichloroethane	<0.340		ug/L	9104017	9104017-BLK1	10/23/09 10:21
1,2-Dichloroethane	<0.350		ug/L	9104017	9104017-BLK1	10/23/09 10:21
cis-1,2-Dichloroethene	<0.330		ug/L	9104017	9104017-BLK1	10/23/09 10:21
1,1-Dichloroethene	<0.220		ug/L	9104017	9104017-BLK1	10/23/09 10:21
trans-1,2-Dichloroethene	<0.330		ug/L	9104017	9104017-BLK1	10/23/09 10:21
1,3-Dichloropropane	<0.270		ug/L	9104017	9104017-BLK1	10/23/09 10:21
1,2-Dichloropropane	<0.240		ug/L	9104017	9104017-BLK1	10/23/09 10:21
2,2-Dichloropropane	<0.300		ug/L	9104017	9104017-BLK1	10/23/09 10:21
cis-1,3-Dichloropropene	<0.330		ug/L	9104017	9104017-BLK1	10/23/09 10:21
trans-1,3-Dichloropropene	<0.330		ug/L	9104017	9104017-BLK1	10/23/09 10:21
1,1-Dichloropropene	<0.260		ug/L	9104017	9104017-BLK1	10/23/09 10:21
Ethylbenzene	<0.350		ug/L	9104017	9104017-BLK1	10/23/09 10:21
Hexachlorobutadiene	<0.790		ug/L	9104017	9104017-BLK1	10/23/09 10:21
2-Hexanone	<1.40		ug/L	9104017	9104017-BLK1	10/23/09 10:21

Client    TriAD Env. Consultants (6921)  
 207 Donelson Pike, Suite 200  
 Nashville, TN 37214  
 Attn     Chris Scott

Work Order:    NSJ2084  
 Project Name:    Elmco  
 Project Number:    07-Elm01-01  
 Received:    10/22/09 13:20

**PROJECT QUALITY CONTROL DATA**  
**Blank - Cont.**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>						
<b>9104017-BLK1</b>						
Isopropylbenzene	<0.400		ug/L	9104017	9104017-BLK1	10/23/09 10:21
p-Isopropyltoluene	<0.330		ug/L	9104017	9104017-BLK1	10/23/09 10:21
Methyl tert-Butyl Ether	<0.320		ug/L	9104017	9104017-BLK1	10/23/09 10:21
Methylene Chloride	0.930		ug/L	9104017	9104017-BLK1	10/23/09 10:21
4-Methyl-2-pentanone	<1.40		ug/L	9104017	9104017-BLK1	10/23/09 10:21
Naphthalene	<0.380		ug/L	9104017	9104017-BLK1	10/23/09 10:21
n-Propylbenzene	<0.390		ug/L	9104017	9104017-BLK1	10/23/09 10:21
Styrene	<0.260		ug/L	9104017	9104017-BLK1	10/23/09 10:21
1,1,1,2-Tetrachloroethane	<0.200		ug/L	9104017	9104017-BLK1	10/23/09 10:21
1,1,2,2-Tetrachloroethane	<0.360		ug/L	9104017	9104017-BLK1	10/23/09 10:21
Tetrachloroethene	<0.320		ug/L	9104017	9104017-BLK1	10/23/09 10:21
Toluene	<0.350		ug/L	9104017	9104017-BLK1	10/23/09 10:21
1,2,3-Trichlorobenzene	0.420		ug/L	9104017	9104017-BLK1	10/23/09 10:21
1,2,4-Trichlorobenzene	<0.360		ug/L	9104017	9104017-BLK1	10/23/09 10:21
1,1,2-Trichloroethane	<0.320		ug/L	9104017	9104017-BLK1	10/23/09 10:21
1,1,1-Trichloroethane	<0.190		ug/L	9104017	9104017-BLK1	10/23/09 10:21
Trichloroethene	<0.260		ug/L	9104017	9104017-BLK1	10/23/09 10:21
Trichlorofluoromethane	<0.220		ug/L	9104017	9104017-BLK1	10/23/09 10:21
1,2,3-Trichloropropane	<0.470		ug/L	9104017	9104017-BLK1	10/23/09 10:21
1,3,5-Trimethylbenzene	<0.360		ug/L	9104017	9104017-BLK1	10/23/09 10:21
1,2,4-Trimethylbenzene	<0.320		ug/L	9104017	9104017-BLK1	10/23/09 10:21
Vinyl chloride	<0.220		ug/L	9104017	9104017-BLK1	10/23/09 10:21
Xylenes, total	<0.730		ug/L	9104017	9104017-BLK1	10/23/09 10:21
Surrogate: 1,2-Dichloroethane-d4	112%			9104017	9104017-BLK1	10/23/09 10:21
Surrogate: Dibromofluoromethane	110%			9104017	9104017-BLK1	10/23/09 10:21
Surrogate: Toluene-d8	99%			9104017	9104017-BLK1	10/23/09 10:21
Surrogate: 4-Bromofluorobenzene	89%			9104017	9104017-BLK1	10/23/09 10:21
<b>9104619-BLK1</b>						
Acetone	<25.0		ug/L	9104619	9104619-BLK1	10/24/09 19:29
Benzene	<0.410		ug/L	9104619	9104619-BLK1	10/24/09 19:29
Bromobenzene	<0.360		ug/L	9104619	9104619-BLK1	10/24/09 19:29
Bromochloromethane	<0.470		ug/L	9104619	9104619-BLK1	10/24/09 19:29
Bromodichloromethane	<0.270		ug/L	9104619	9104619-BLK1	10/24/09 19:29
Bromoform	<0.430		ug/L	9104619	9104619-BLK1	10/24/09 19:29
Bromomethane	<0.300		ug/L	9104619	9104619-BLK1	10/24/09 19:29
2-Butanone	<2.10		ug/L	9104619	9104619-BLK1	10/24/09 19:29
sec-Butylbenzene	<0.360		ug/L	9104619	9104619-BLK1	10/24/09 19:29
n-Butylbenzene	<0.310		ug/L	9104619	9104619-BLK1	10/24/09 19:29
tert-Butylbenzene	<0.380		ug/L	9104619	9104619-BLK1	10/24/09 19:29
Carbon disulfide	<0.360		ug/L	9104619	9104619-BLK1	10/24/09 19:29

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214  
Attn Chris Scott

Work Order: NSJ2084  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 10/22/09 13:20

**PROJECT QUALITY CONTROL DATA**  
**Blank - Cont.**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>						
<b>9104619-BLK1</b>						
Carbon Tetrachloride	<0.330		ug/L	9104619	9104619-BLK1	10/24/09 19:29
Chlorobenzene	<0.220		ug/L	9104619	9104619-BLK1	10/24/09 19:29
Chlorodibromomethane	<0.260		ug/L	9104619	9104619-BLK1	10/24/09 19:29
Chloroethane	<0.460		ug/L	9104619	9104619-BLK1	10/24/09 19:29
Chloroform	<0.250		ug/L	9104619	9104619-BLK1	10/24/09 19:29
Chloromethane	<0.390		ug/L	9104619	9104619-BLK1	10/24/09 19:29
2-Chlorotoluene	<0.510		ug/L	9104619	9104619-BLK1	10/24/09 19:29
4-Chlorotoluene	<0.510		ug/L	9104619	9104619-BLK1	10/24/09 19:29
1,2-Dibromo-3-chloropropane	<0.860		ug/L	9104619	9104619-BLK1	10/24/09 19:29
1,2-Dibromoethane (EDB)	<0.460		ug/L	9104619	9104619-BLK1	10/24/09 19:29
Dibromomethane	<0.410		ug/L	9104619	9104619-BLK1	10/24/09 19:29
1,4-Dichlorobenzene	<0.430		ug/L	9104619	9104619-BLK1	10/24/09 19:29
1,3-Dichlorobenzene	<0.320		ug/L	9104619	9104619-BLK1	10/24/09 19:29
1,2-Dichlorobenzene	<0.400		ug/L	9104619	9104619-BLK1	10/24/09 19:29
Dichlorodifluoromethane	<0.190		ug/L	9104619	9104619-BLK1	10/24/09 19:29
1,1-Dichloroethane	<0.340		ug/L	9104619	9104619-BLK1	10/24/09 19:29
1,2-Dichloroethane	<0.350		ug/L	9104619	9104619-BLK1	10/24/09 19:29
cis-1,2-Dichloroethene	<0.330		ug/L	9104619	9104619-BLK1	10/24/09 19:29
1,1-Dichloroethene	<0.220		ug/L	9104619	9104619-BLK1	10/24/09 19:29
trans-1,2-Dichloroethene	<0.330		ug/L	9104619	9104619-BLK1	10/24/09 19:29
1,3-Dichloropropane	<0.270		ug/L	9104619	9104619-BLK1	10/24/09 19:29
1,2-Dichloropropane	<0.240		ug/L	9104619	9104619-BLK1	10/24/09 19:29
2,2-Dichloropropane	<0.300		ug/L	9104619	9104619-BLK1	10/24/09 19:29
cis-1,3-Dichloropropene	<0.330		ug/L	9104619	9104619-BLK1	10/24/09 19:29
trans-1,3-Dichloropropene	<0.330		ug/L	9104619	9104619-BLK1	10/24/09 19:29
1,1-Dichloropropene	<0.260		ug/L	9104619	9104619-BLK1	10/24/09 19:29
Ethylbenzene	<0.350		ug/L	9104619	9104619-BLK1	10/24/09 19:29
Hexachlorobutadiene	<0.790		ug/L	9104619	9104619-BLK1	10/24/09 19:29
2-Hexanone	<1.40		ug/L	9104619	9104619-BLK1	10/24/09 19:29
Isopropylbenzene	<0.400		ug/L	9104619	9104619-BLK1	10/24/09 19:29
p-Isopropyltoluene	<0.330		ug/L	9104619	9104619-BLK1	10/24/09 19:29
Methyl tert-Butyl Ether	<0.320		ug/L	9104619	9104619-BLK1	10/24/09 19:29
Methylene Chloride	0.960		ug/L	9104619	9104619-BLK1	10/24/09 19:29
4-Methyl-2-pentanone	<1.40		ug/L	9104619	9104619-BLK1	10/24/09 19:29
Naphthalene	<0.380		ug/L	9104619	9104619-BLK1	10/24/09 19:29
n-Propylbenzene	<0.390		ug/L	9104619	9104619-BLK1	10/24/09 19:29
Styrene	<0.260		ug/L	9104619	9104619-BLK1	10/24/09 19:29
1,1,1,2-Tetrachloroethane	<0.200		ug/L	9104619	9104619-BLK1	10/24/09 19:29
1,1,2,2-Tetrachloroethane	<0.360		ug/L	9104619	9104619-BLK1	10/24/09 19:29
Tetrachloroethene	<0.320		ug/L	9104619	9104619-BLK1	10/24/09 19:29
Toluene	<0.350		ug/L	9104619	9104619-BLK1	10/24/09 19:29

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Work Order: NSJ2084  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 10/22/09 13:20

**PROJECT QUALITY CONTROL DATA**  
**Blank - Cont.**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>						
<b>9104619-BLK1</b>						
1,2,3-Trichlorobenzene	0.400		ug/L	9104619	9104619-BLK1	10/24/09 19:29
1,2,4-Trichlorobenzene	<0.360		ug/L	9104619	9104619-BLK1	10/24/09 19:29
1,1,2-Trichloroethane	<0.320		ug/L	9104619	9104619-BLK1	10/24/09 19:29
1,1,1-Trichloroethane	<0.190		ug/L	9104619	9104619-BLK1	10/24/09 19:29
Trichloroethene	<0.260		ug/L	9104619	9104619-BLK1	10/24/09 19:29
Trichlorofluoromethane	<0.220		ug/L	9104619	9104619-BLK1	10/24/09 19:29
1,2,3-Trichloropropane	<0.470		ug/L	9104619	9104619-BLK1	10/24/09 19:29
1,3,5-Trimethylbenzene	<0.360		ug/L	9104619	9104619-BLK1	10/24/09 19:29
1,2,4-Trimethylbenzene	<0.320		ug/L	9104619	9104619-BLK1	10/24/09 19:29
Vinyl chloride	<0.220		ug/L	9104619	9104619-BLK1	10/24/09 19:29
o-Xylene	<0.330		ug/L	9104619	9104619-BLK1	10/24/09 19:29
m,p-Xylene	<0.400		ug/L	9104619	9104619-BLK1	10/24/09 19:29
Xylenes, total	<0.730		ug/L	9104619	9104619-BLK1	10/24/09 19:29
Surrogate: 1,2-Dichloroethane-d4	108%			9104619	9104619-BLK1	10/24/09 19:29
Surrogate: Dibromofluoromethane	112%			9104619	9104619-BLK1	10/24/09 19:29
Surrogate: Toluene-d8	98%			9104619	9104619-BLK1	10/24/09 19:29
Surrogate: 4-Bromofluorobenzene	87%			9104619	9104619-BLK1	10/24/09 19:29
<b>9104626-BLK1</b>						
Acetone	<25.0		ug/L	9104626	9104626-BLK1	10/27/09 10:54
Benzene	<0.410		ug/L	9104626	9104626-BLK1	10/27/09 10:54
Bromobenzene	<0.360		ug/L	9104626	9104626-BLK1	10/27/09 10:54
Bromochloromethane	<0.470		ug/L	9104626	9104626-BLK1	10/27/09 10:54
Bromodichloromethane	<0.270		ug/L	9104626	9104626-BLK1	10/27/09 10:54
Bromoform	<0.430		ug/L	9104626	9104626-BLK1	10/27/09 10:54
Bromomethane	<0.300		ug/L	9104626	9104626-BLK1	10/27/09 10:54
2-Butanone	<2.10		ug/L	9104626	9104626-BLK1	10/27/09 10:54
sec-Butylbenzene	<0.360		ug/L	9104626	9104626-BLK1	10/27/09 10:54
n-Butylbenzene	<0.310		ug/L	9104626	9104626-BLK1	10/27/09 10:54
tert-Butylbenzene	<0.380		ug/L	9104626	9104626-BLK1	10/27/09 10:54
Carbon disulfide	<0.360		ug/L	9104626	9104626-BLK1	10/27/09 10:54
Carbon Tetrachloride	<0.330		ug/L	9104626	9104626-BLK1	10/27/09 10:54
Chlorobenzene	<0.220		ug/L	9104626	9104626-BLK1	10/27/09 10:54
Chlorodibromomethane	<0.260		ug/L	9104626	9104626-BLK1	10/27/09 10:54
Chloroethane	<0.460		ug/L	9104626	9104626-BLK1	10/27/09 10:54
Chloroform	<0.250		ug/L	9104626	9104626-BLK1	10/27/09 10:54
Chloromethane	<0.390		ug/L	9104626	9104626-BLK1	10/27/09 10:54
2-Chlorotoluene	<0.510		ug/L	9104626	9104626-BLK1	10/27/09 10:54
4-Chlorotoluene	<0.510		ug/L	9104626	9104626-BLK1	10/27/09 10:54
1,2-Dibromo-3-chloropropane	<0.860		ug/L	9104626	9104626-BLK1	10/27/09 10:54
1,2-Dibromoethane (EDB)	<0.460		ug/L	9104626	9104626-BLK1	10/27/09 10:54

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214  
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Work Order: NSJ2084  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 10/22/09 13:20

**PROJECT QUALITY CONTROL DATA**  
**Blank - Cont.**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>						
<b>9104626-BLK1</b>						
Dibromomethane	<0.410		ug/L	9104626	9104626-BLK1	10/27/09 10:54
1,4-Dichlorobenzene	<0.430		ug/L	9104626	9104626-BLK1	10/27/09 10:54
1,3-Dichlorobenzene	<0.320		ug/L	9104626	9104626-BLK1	10/27/09 10:54
1,2-Dichlorobenzene	<0.400		ug/L	9104626	9104626-BLK1	10/27/09 10:54
Dichlorodifluoromethane	<0.190		ug/L	9104626	9104626-BLK1	10/27/09 10:54
1,1-Dichloroethane	<0.340		ug/L	9104626	9104626-BLK1	10/27/09 10:54
1,2-Dichloroethane	<0.350		ug/L	9104626	9104626-BLK1	10/27/09 10:54
cis-1,2-Dichloroethene	<0.330		ug/L	9104626	9104626-BLK1	10/27/09 10:54
1,1-Dichloroethene	<0.220		ug/L	9104626	9104626-BLK1	10/27/09 10:54
trans-1,2-Dichloroethene	<0.330		ug/L	9104626	9104626-BLK1	10/27/09 10:54
1,3-Dichloropropane	<0.270		ug/L	9104626	9104626-BLK1	10/27/09 10:54
1,2-Dichloropropane	<0.240		ug/L	9104626	9104626-BLK1	10/27/09 10:54
2,2-Dichloropropane	<0.300		ug/L	9104626	9104626-BLK1	10/27/09 10:54
cis-1,3-Dichloropropene	<0.330		ug/L	9104626	9104626-BLK1	10/27/09 10:54
trans-1,3-Dichloropropene	<0.330		ug/L	9104626	9104626-BLK1	10/27/09 10:54
1,1-Dichloropropene	<0.260		ug/L	9104626	9104626-BLK1	10/27/09 10:54
Ethylbenzene	<0.350		ug/L	9104626	9104626-BLK1	10/27/09 10:54
Hexachlorobutadiene	<0.790		ug/L	9104626	9104626-BLK1	10/27/09 10:54
2-Hexanone	<1.40		ug/L	9104626	9104626-BLK1	10/27/09 10:54
Isopropylbenzene	<0.400		ug/L	9104626	9104626-BLK1	10/27/09 10:54
p-Isopropyltoluene	<0.330		ug/L	9104626	9104626-BLK1	10/27/09 10:54
Methyl tert-Butyl Ether	<0.320		ug/L	9104626	9104626-BLK1	10/27/09 10:54
Methylene Chloride	1.02		ug/L	9104626	9104626-BLK1	10/27/09 10:54
4-Methyl-2-pentanone	<1.40		ug/L	9104626	9104626-BLK1	10/27/09 10:54
Naphthalene	<0.380		ug/L	9104626	9104626-BLK1	10/27/09 10:54
n-Propylbenzene	<0.390		ug/L	9104626	9104626-BLK1	10/27/09 10:54
Styrene	<0.260		ug/L	9104626	9104626-BLK1	10/27/09 10:54
1,1,1,2-Tetrachloroethane	<0.200		ug/L	9104626	9104626-BLK1	10/27/09 10:54
1,1,2,2-Tetrachloroethane	<0.360		ug/L	9104626	9104626-BLK1	10/27/09 10:54
Tetrachloroethene	<0.320		ug/L	9104626	9104626-BLK1	10/27/09 10:54
Toluene	<0.350		ug/L	9104626	9104626-BLK1	10/27/09 10:54
1,2,3-Trichlorobenzene	<0.270		ug/L	9104626	9104626-BLK1	10/27/09 10:54
1,2,4-Trichlorobenzene	<0.360		ug/L	9104626	9104626-BLK1	10/27/09 10:54
1,1,2-Trichloroethane	<0.320		ug/L	9104626	9104626-BLK1	10/27/09 10:54
1,1,1-Trichloroethane	<0.190		ug/L	9104626	9104626-BLK1	10/27/09 10:54
Trichloroethene	<0.260		ug/L	9104626	9104626-BLK1	10/27/09 10:54
Trichlorofluoromethane	<0.220		ug/L	9104626	9104626-BLK1	10/27/09 10:54
1,2,3-Trichloropropane	<0.470		ug/L	9104626	9104626-BLK1	10/27/09 10:54
1,3,5-Trimethylbenzene	<0.360		ug/L	9104626	9104626-BLK1	10/27/09 10:54
1,2,4-Trimethylbenzene	<0.320		ug/L	9104626	9104626-BLK1	10/27/09 10:54
Vinyl chloride	<0.220		ug/L	9104626	9104626-BLK1	10/27/09 10:54

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**PROJECT QUALITY CONTROL DATA**  
**Blank - Cont.**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>						
<b>9104626-BLK1</b>						
o-Xylene	<0.330		ug/L	9104626	9104626-BLK1	10/27/09 10:54
m,p-Xylene	<0.400		ug/L	9104626	9104626-BLK1	10/27/09 10:54
Xylenes, total	<0.730		ug/L	9104626	9104626-BLK1	10/27/09 10:54
<i>Surrogate: 1,2-Dichloroethane-d4</i>	138%			9104626	9104626-BLK1	10/27/09 10:54
<i>Surrogate: Dibromoformmethane</i>	116%			9104626	9104626-BLK1	10/27/09 10:54
<i>Surrogate: Toluene-d8</i>	101%			9104626	9104626-BLK1	10/27/09 10:54
<i>Surrogate: 4-Bromofluorobenzene</i>	96%			9104626	9104626-BLK1	10/27/09 10:54

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**PROJECT QUALITY CONTROL DATA**  
**LCS**

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>								
<b>9104017-BS1</b>								
Acetone	250	229		ug/L	92%	56 - 150	9104017	10/23/09 08:41
Benzene	50.0	49.4		ug/L	99%	80 - 121	9104017	10/23/09 08:41
Bromobenzene	50.0	46.6		ug/L	93%	72 - 130	9104017	10/23/09 08:41
Bromochloromethane	50.0	52.6		ug/L	105%	73 - 137	9104017	10/23/09 08:41
Bromodichloromethane	50.0	54.0		ug/L	108%	75 - 131	9104017	10/23/09 08:41
Bromoform	50.0	60.4		ug/L	121%	65 - 140	9104017	10/23/09 08:41
Bromomethane	50.0	60.5		ug/L	121%	50 - 150	9104017	10/23/09 08:41
2-Butanone	250	269		ug/L	108%	70 - 144	9104017	10/23/09 08:41
sec-Butylbenzene	50.0	48.9		ug/L	98%	72 - 140	9104017	10/23/09 08:41
n-Butylbenzene	50.0	46.9		ug/L	94%	68 - 140	9104017	10/23/09 08:41
tert-Butylbenzene	50.0	49.2		ug/L	98%	76 - 135	9104017	10/23/09 08:41
Carbon disulfide	50.0	47.2		ug/L	94%	74 - 137	9104017	10/23/09 08:41
Carbon Tetrachloride	50.0	58.1		ug/L	116%	71 - 137	9104017	10/23/09 08:41
Chlorobenzene	50.0	51.7		ug/L	103%	80 - 121	9104017	10/23/09 08:41
Chlorodibromomethane	50.0	54.5		ug/L	109%	68 - 137	9104017	10/23/09 08:41
Chloroethane	50.0	50.9		ug/L	102%	50 - 146	9104017	10/23/09 08:41
Chloroform	50.0	50.6		ug/L	101%	73 - 131	9104017	10/23/09 08:41
Chloromethane	50.0	33.1		ug/L	66%	30 - 132	9104017	10/23/09 08:41
2-Chlorotoluene	50.0	46.4		ug/L	93%	74 - 135	9104017	10/23/09 08:41
4-Chlorotoluene	50.0	45.7		ug/L	91%	74 - 132	9104017	10/23/09 08:41
1,2-Dibromo-3-chloropropane	50.0	48.7		ug/L	97%	56 - 145	9104017	10/23/09 08:41
1,2-Dibromoethane (EDB)	50.0	51.9		ug/L	104%	80 - 135	9104017	10/23/09 08:41
Dibromomethane	50.0	57.4		ug/L	115%	78 - 133	9104017	10/23/09 08:41
1,4-Dichlorobenzene	50.0	50.9		ug/L	102%	80 - 120	9104017	10/23/09 08:41
1,3-Dichlorobenzene	50.0	50.9		ug/L	102%	80 - 128	9104017	10/23/09 08:41
1,2-Dichlorobenzene	50.0	54.4		ug/L	109%	80 - 125	9104017	10/23/09 08:41
Dichlorodifluoromethane	50.0	62.2		ug/L	124%	30 - 132	9104017	10/23/09 08:41
1,1-Dichloroethane	50.0	48.8		ug/L	98%	75 - 125	9104017	10/23/09 08:41
1,2-Dichloroethane	50.0	56.1		ug/L	112%	70 - 134	9104017	10/23/09 08:41
cis-1,2-Dichloroethene	50.0	50.5		ug/L	101%	71 - 132	9104017	10/23/09 08:41
1,1-Dichloroethene	50.0	50.0		ug/L	100%	73 - 125	9104017	10/23/09 08:41
trans-1,2-Dichloroethene	50.0	49.0		ug/L	98%	77 - 125	9104017	10/23/09 08:41
1,3-Dichloropropane	50.0	48.4		ug/L	97%	76 - 125	9104017	10/23/09 08:41
1,2-Dichloropropane	50.0	47.5		ug/L	95%	72 - 120	9104017	10/23/09 08:41
2,2-Dichloropropane	50.0	54.4		ug/L	109%	50 - 150	9104017	10/23/09 08:41
cis-1,3-Dichloropropene	50.0	46.5		ug/L	93%	70 - 140	9104017	10/23/09 08:41
trans-1,3-Dichloropropene	50.0	48.5		ug/L	97%	62 - 139	9104017	10/23/09 08:41
1,1-Dichloropropene	50.0	52.3		ug/L	105%	78 - 126	9104017	10/23/09 08:41
Ethylbenzene	50.0	48.4		ug/L	97%	78 - 133	9104017	10/23/09 08:41
Hexachlorobutadiene	50.0	56.0		ug/L	112%	70 - 150	9104017	10/23/09 08:41
2-Hexanone	250	247		ug/L	99%	60 - 150	9104017	10/23/09 08:41

Client TriAD Env. Consultants (6921)  
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**PROJECT QUALITY CONTROL DATA**  
**LCS - Cont.**

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>								
<b>9104017-BS1</b>								
Isopropylbenzene	50.0	50.5		ug/L	101%	69 - 120	9104017	10/23/09 08:41
p-Isopropyltoluene	50.0	48.7		ug/L	97%	72 - 134	9104017	10/23/09 08:41
Methyl tert-Butyl Ether	50.0	51.6		ug/L	103%	76 - 120	9104017	10/23/09 08:41
Methylene Chloride	50.0	47.1		ug/L	94%	80 - 133	9104017	10/23/09 08:41
4-Methyl-2-pentanone	250	241		ug/L	96%	62 - 146	9104017	10/23/09 08:41
Naphthalene	50.0	52.0		ug/L	104%	71 - 139	9104017	10/23/09 08:41
n-Propylbenzene	50.0	46.4		ug/L	93%	70 - 143	9104017	10/23/09 08:41
Styrene	50.0	51.5		ug/L	103%	80 - 136	9104017	10/23/09 08:41
1,1,1,2-Tetrachloroethane	50.0	54.2		ug/L	108%	80 - 130	9104017	10/23/09 08:41
1,1,2,2-Tetrachloroethane	50.0	48.9		ug/L	98%	73 - 131	9104017	10/23/09 08:41
Tetrachloroethene	50.0	54.2		ug/L	108%	77 - 131	9104017	10/23/09 08:41
Toluene	50.0	47.4		ug/L	95%	78 - 125	9104017	10/23/09 08:41
1,2,3-Trichlorobenzene	50.0	55.7		ug/L	111%	71 - 138	9104017	10/23/09 08:41
1,2,4-Trichlorobenzene	50.0	57.3		ug/L	115%	74 - 136	9104017	10/23/09 08:41
1,1,2-Trichloroethane	50.0	50.4		ug/L	101%	80 - 123	9104017	10/23/09 08:41
1,1,1-Trichloroethane	50.0	55.9		ug/L	112%	75 - 137	9104017	10/23/09 08:41
Trichloroethene	50.0	57.3		ug/L	115%	74 - 139	9104017	10/23/09 08:41
Trichlorofluoromethane	50.0	58.6		ug/L	117%	60 - 133	9104017	10/23/09 08:41
1,2,3-Trichloropropane	50.0	44.1		ug/L	88%	64 - 127	9104017	10/23/09 08:41
1,3,5-Trimethylbenzene	50.0	48.5		ug/L	97%	75 - 134	9104017	10/23/09 08:41
1,2,4-Trimethylbenzene	50.0	48.4		ug/L	97%	77 - 134	9104017	10/23/09 08:41
Vinyl chloride	50.0	54.0		ug/L	108%	60 - 122	9104017	10/23/09 08:41
Xylenes, total	150	146		ug/L	97%	78 - 134	9104017	10/23/09 08:41
<i>Surrogate: 1,2-Dichloroethane-d4</i>	25.0	26.0			104%	63 - 140	9104017	10/23/09 08:41
<i>Surrogate: Dibromofluoromethane</i>	25.0	26.2			105%	73 - 131	9104017	10/23/09 08:41
<i>Surrogate: Toluene-d8</i>	25.0	23.1			92%	80 - 120	9104017	10/23/09 08:41
<i>Surrogate: 4-Bromofluorobenzene</i>	25.0	22.8			91%	79 - 125	9104017	10/23/09 08:41
<b>9104619-BS1</b>								
Acetone	250	251		ug/L	100%	56 - 150	9104619	10/24/09 17:49
Benzene	50.0	50.4		ug/L	101%	80 - 121	9104619	10/24/09 17:49
Bromobenzene	50.0	46.2		ug/L	92%	72 - 130	9104619	10/24/09 17:49
Bromochloromethane	50.0	55.4		ug/L	111%	73 - 137	9104619	10/24/09 17:49
Bromodichloromethane	50.0	54.4		ug/L	109%	75 - 131	9104619	10/24/09 17:49
Bromoform	50.0	59.3		ug/L	119%	65 - 140	9104619	10/24/09 17:49
Bromomethane	50.0	56.4		ug/L	113%	50 - 150	9104619	10/24/09 17:49
2-Butanone	250	270		ug/L	108%	70 - 144	9104619	10/24/09 17:49
sec-Butylbenzene	50.0	51.4		ug/L	103%	72 - 140	9104619	10/24/09 17:49
n-Butylbenzene	50.0	49.4		ug/L	99%	68 - 140	9104619	10/24/09 17:49
tert-Butylbenzene	50.0	52.0		ug/L	104%	76 - 135	9104619	10/24/09 17:49
Carbon disulfide	50.0	45.3		ug/L	91%	74 - 137	9104619	10/24/09 17:49

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**PROJECT QUALITY CONTROL DATA**  
**LCS - Cont.**

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>								
<b>9104619-BS1</b>								
Carbon Tetrachloride	50.0	59.5		ug/L	119%	71 - 137	9104619	10/24/09 17:49
Chlorobenzene	50.0	53.7		ug/L	107%	80 - 121	9104619	10/24/09 17:49
Chlorodibromomethane	50.0	54.4		ug/L	109%	68 - 137	9104619	10/24/09 17:49
Chloroethane	50.0	48.7		ug/L	97%	50 - 146	9104619	10/24/09 17:49
Chloroform	50.0	51.6		ug/L	103%	73 - 131	9104619	10/24/09 17:49
Chloromethane	50.0	43.8		ug/L	88%	30 - 132	9104619	10/24/09 17:49
2-Chlorotoluene	50.0	47.9		ug/L	96%	74 - 135	9104619	10/24/09 17:49
4-Chlorotoluene	50.0	46.6		ug/L	93%	74 - 132	9104619	10/24/09 17:49
1,2-Dibromo-3-chloropropane	50.0	46.0		ug/L	92%	56 - 145	9104619	10/24/09 17:49
1,2-Dibromoethane (EDB)	50.0	51.7		ug/L	103%	80 - 135	9104619	10/24/09 17:49
Dibromomethane	50.0	57.2		ug/L	114%	78 - 133	9104619	10/24/09 17:49
1,4-Dichlorobenzene	50.0	53.0		ug/L	106%	80 - 120	9104619	10/24/09 17:49
1,3-Dichlorobenzene	50.0	53.5		ug/L	107%	80 - 128	9104619	10/24/09 17:49
1,2-Dichlorobenzene	50.0	56.6		ug/L	113%	80 - 125	9104619	10/24/09 17:49
Dichlorodifluoromethane	50.0	55.1		ug/L	110%	30 - 132	9104619	10/24/09 17:49
1,1-Dichloroethane	50.0	49.0		ug/L	98%	75 - 125	9104619	10/24/09 17:49
1,2-Dichloroethane	50.0	54.3		ug/L	109%	70 - 134	9104619	10/24/09 17:49
cis-1,2-Dichloroethene	50.0	50.6		ug/L	101%	71 - 132	9104619	10/24/09 17:49
1,1-Dichloroethene	50.0	50.0		ug/L	100%	73 - 125	9104619	10/24/09 17:49
trans-1,2-Dichloroethene	50.0	48.7		ug/L	97%	77 - 125	9104619	10/24/09 17:49
1,3-Dichloropropane	50.0	47.6		ug/L	95%	76 - 125	9104619	10/24/09 17:49
1,2-Dichloropropane	50.0	47.3		ug/L	95%	72 - 120	9104619	10/24/09 17:49
2,2-Dichloropropane	50.0	58.3		ug/L	117%	50 - 150	9104619	10/24/09 17:49
cis-1,3-Dichloropropene	50.0	46.7		ug/L	93%	70 - 140	9104619	10/24/09 17:49
trans-1,3-Dichloropropene	50.0	47.9		ug/L	96%	62 - 139	9104619	10/24/09 17:49
1,1-Dichloropropene	50.0	52.9		ug/L	106%	78 - 126	9104619	10/24/09 17:49
Ethylbenzene	50.0	49.6		ug/L	99%	78 - 133	9104619	10/24/09 17:49
Hexachlorobutadiene	50.0	60.3		ug/L	121%	70 - 150	9104619	10/24/09 17:49
2-Hexanone	250	238		ug/L	95%	60 - 150	9104619	10/24/09 17:49
Isopropylbenzene	50.0	52.9		ug/L	106%	69 - 120	9104619	10/24/09 17:49
p-Isopropyltoluene	50.0	51.4		ug/L	103%	72 - 134	9104619	10/24/09 17:49
Methyl tert-Butyl Ether	50.0	49.9		ug/L	100%	76 - 120	9104619	10/24/09 17:49
Methylene Chloride	50.0	47.5		ug/L	95%	80 - 133	9104619	10/24/09 17:49
4-Methyl-2-pentanone	250	225		ug/L	90%	62 - 146	9104619	10/24/09 17:49
Naphthalene	50.0	49.9		ug/L	100%	71 - 139	9104619	10/24/09 17:49
n-Propylbenzene	50.0	48.2		ug/L	96%	70 - 143	9104619	10/24/09 17:49
Styrene	50.0	52.8		ug/L	106%	80 - 136	9104619	10/24/09 17:49
1,1,1,2-Tetrachloroethane	50.0	55.0		ug/L	110%	80 - 130	9104619	10/24/09 17:49
1,1,2,2-Tetrachloroethane	50.0	47.0		ug/L	94%	73 - 131	9104619	10/24/09 17:49
Tetrachloroethene	50.0	58.2		ug/L	116%	77 - 131	9104619	10/24/09 17:49
Toluene	50.0	48.8		ug/L	98%	78 - 125	9104619	10/24/09 17:49

Client TriAD Env. Consultants (6921)  
 207 Donelson Pike, Suite 200  
 Nashville, TN 37214  
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Work Order: NSJ2084  
 Project Name: Elmco  
 Project Number: 07-Elm01-01  
 Received: 10/22/09 13:20

**PROJECT QUALITY CONTROL DATA**  
**LCS - Cont.**

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>								
<b>9104619-BS1</b>								
1,2,3-Trichlorobenzene	50.0	54.9		ug/L	110%	71 - 138	9104619	10/24/09 17:49
1,2,4-Trichlorobenzene	50.0	58.3		ug/L	117%	74 - 136	9104619	10/24/09 17:49
1,1,2-Trichloroethane	50.0	50.8		ug/L	102%	80 - 123	9104619	10/24/09 17:49
1,1,1-Trichloroethane	50.0	57.6		ug/L	115%	75 - 137	9104619	10/24/09 17:49
Trichloroethylene	50.0	60.5		ug/L	121%	74 - 139	9104619	10/24/09 17:49
Trichlorofluoromethane	50.0	57.6		ug/L	115%	60 - 133	9104619	10/24/09 17:49
1,2,3-Trichloropropane	50.0	42.8		ug/L	86%	64 - 127	9104619	10/24/09 17:49
1,3,5-Trimethylbenzene	50.0	50.1		ug/L	100%	75 - 134	9104619	10/24/09 17:49
1,2,4-Trimethylbenzene	50.0	50.2		ug/L	100%	77 - 134	9104619	10/24/09 17:49
Vinyl chloride	50.0	50.2		ug/L	100%	60 - 122	9104619	10/24/09 17:49
o-Xylene	50.0	50.0		ug/L	100%	66 - 150	9104619	10/24/09 17:49
m,p-Xylene	100	98.6		ug/L	99%	78 - 132	9104619	10/24/09 17:49
Xylenes, total	150	149		ug/L	99%	78 - 134	9104619	10/24/09 17:49
Surrogate: 1,2-Dichloroethane-d4	25.0	24.9			100%	63 - 140	9104619	10/24/09 17:49
Surrogate: Dibromofluoromethane	25.0	26.6			107%	73 - 131	9104619	10/24/09 17:49
Surrogate: Toluene-d8	25.0	23.0			92%	80 - 120	9104619	10/24/09 17:49
Surrogate: 4-Bromofluorobenzene	25.0	22.3			89%	79 - 125	9104619	10/24/09 17:49
<b>9104626-BS1</b>								
Acetone	250	292		ug/L	117%	56 - 150	9104626	10/27/09 09:14
Benzene	50.0	48.7		ug/L	97%	80 - 121	9104626	10/27/09 09:14
Bromobenzene	50.0	47.4		ug/L	95%	72 - 130	9104626	10/27/09 09:14
Bromochloromethane	50.0	51.5		ug/L	103%	73 - 137	9104626	10/27/09 09:14
Bromodichloromethane	50.0	56.7		ug/L	113%	75 - 131	9104626	10/27/09 09:14
Bromoform	50.0	56.8		ug/L	114%	65 - 140	9104626	10/27/09 09:14
Bromomethane	50.0	87.0	L1	ug/L	174%	50 - 150	9104626	10/27/09 09:14
2-Butanone	250	277		ug/L	111%	70 - 144	9104626	10/27/09 09:14
sec-Butylbenzene	50.0	49.9		ug/L	100%	72 - 140	9104626	10/27/09 09:14
n-Butylbenzene	50.0	50.6		ug/L	101%	68 - 140	9104626	10/27/09 09:14
tert-Butylbenzene	50.0	48.6		ug/L	97%	76 - 135	9104626	10/27/09 09:14
Carbon disulfide	50.0	43.1		ug/L	86%	74 - 137	9104626	10/27/09 09:14
Carbon Tetrachloride	50.0	60.9		ug/L	122%	71 - 137	9104626	10/27/09 09:14
Chlorobenzene	50.0	50.6		ug/L	101%	80 - 121	9104626	10/27/09 09:14
Chlorodibromomethane	50.0	54.0		ug/L	108%	68 - 137	9104626	10/27/09 09:14
Chloroethane	50.0	55.1		ug/L	110%	50 - 146	9104626	10/27/09 09:14
Chloroform	50.0	53.5		ug/L	107%	73 - 131	9104626	10/27/09 09:14
Chloromethane	50.0	36.6		ug/L	73%	30 - 132	9104626	10/27/09 09:14
2-Chlorotoluene	50.0	47.3		ug/L	95%	74 - 135	9104626	10/27/09 09:14
4-Chlorotoluene	50.0	47.8		ug/L	96%	74 - 132	9104626	10/27/09 09:14
1,2-Dibromo-3-chloropropane	50.0	40.6		ug/L	81%	56 - 145	9104626	10/27/09 09:14
1,2-Dibromoethane (EDB)	50.0	50.6		ug/L	101%	80 - 135	9104626	10/27/09 09:14

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 Received: 10/22/09 13:20

**PROJECT QUALITY CONTROL DATA**  
**LCS - Cont.**

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>								
<b>9104626-BS1</b>								
Dibromomethane	50.0	60.2		ug/L	120%	78 - 133	9104626	10/27/09 09:14
1,4-Dichlorobenzene	50.0	49.5		ug/L	99%	80 - 120	9104626	10/27/09 09:14
1,3-Dichlorobenzene	50.0	48.7		ug/L	97%	80 - 128	9104626	10/27/09 09:14
1,2-Dichlorobenzene	50.0	52.4		ug/L	105%	80 - 125	9104626	10/27/09 09:14
Dichlorodifluoromethane	50.0	58.3		ug/L	117%	30 - 132	9104626	10/27/09 09:14
1,1-Dichloroethane	50.0	52.8		ug/L	106%	75 - 125	9104626	10/27/09 09:14
1,2-Dichloroethane	50.0	67.8	L1	ug/L	136%	70 - 134	9104626	10/27/09 09:14
cis-1,2-Dichloroethene	50.0	56.4		ug/L	113%	71 - 132	9104626	10/27/09 09:14
1,1-Dichloroethene	50.0	52.1		ug/L	104%	73 - 125	9104626	10/27/09 09:14
trans-1,2-Dichloroethene	50.0	51.5		ug/L	103%	77 - 125	9104626	10/27/09 09:14
1,3-Dichloropropane	50.0	50.1		ug/L	100%	76 - 125	9104626	10/27/09 09:14
1,2-Dichloropropane	50.0	50.3		ug/L	101%	72 - 120	9104626	10/27/09 09:14
2,2-Dichloropropane	50.0	65.3		ug/L	131%	50 - 150	9104626	10/27/09 09:14
cis-1,3-Dichloropropene	50.0	48.5		ug/L	97%	70 - 140	9104626	10/27/09 09:14
trans-1,3-Dichloropropene	50.0	51.0		ug/L	102%	62 - 139	9104626	10/27/09 09:14
1,1-Dichloropropene	50.0	53.1		ug/L	106%	78 - 126	9104626	10/27/09 09:14
Ethylbenzene	50.0	48.5		ug/L	97%	78 - 133	9104626	10/27/09 09:14
Hexachlorobutadiene	50.0	49.3		ug/L	99%	70 - 150	9104626	10/27/09 09:14
2-Hexanone	250	254		ug/L	102%	60 - 150	9104626	10/27/09 09:14
Isopropylbenzene	50.0	51.3		ug/L	103%	69 - 120	9104626	10/27/09 09:14
p-Isopropyltoluene	50.0	50.0		ug/L	100%	72 - 134	9104626	10/27/09 09:14
Methyl tert-Butyl Ether	50.0	53.0		ug/L	106%	76 - 120	9104626	10/27/09 09:14
Methylene Chloride	50.0	45.3		ug/L	91%	80 - 133	9104626	10/27/09 09:14
4-Methyl-2-pentanone	250	243		ug/L	97%	62 - 146	9104626	10/27/09 09:14
Naphthalene	50.0	43.7		ug/L	87%	71 - 139	9104626	10/27/09 09:14
n-Propylbenzene	50.0	47.6		ug/L	95%	70 - 143	9104626	10/27/09 09:14
Styrene	50.0	51.7		ug/L	103%	80 - 136	9104626	10/27/09 09:14
1,1,1,2-Tetrachloroethane	50.0	53.2		ug/L	106%	80 - 130	9104626	10/27/09 09:14
1,1,2,2-Tetrachloroethane	50.0	47.9		ug/L	96%	73 - 131	9104626	10/27/09 09:14
Tetrachloroethene	50.0	51.8		ug/L	104%	77 - 131	9104626	10/27/09 09:14
Toluene	50.0	46.8		ug/L	94%	78 - 125	9104626	10/27/09 09:14
1,2,3-Trichlorobenzene	50.0	45.3		ug/L	91%	71 - 138	9104626	10/27/09 09:14
1,2,4-Trichlorobenzene	50.0	48.7		ug/L	97%	74 - 136	9104626	10/27/09 09:14
1,1,2-Trichloroethane	50.0	48.9		ug/L	98%	80 - 123	9104626	10/27/09 09:14
1,1,1-Trichloroethane	50.0	57.8		ug/L	116%	75 - 137	9104626	10/27/09 09:14
Trichloroethene	50.0	53.2		ug/L	106%	74 - 139	9104626	10/27/09 09:14
Trichlorofluoromethane	50.0	69.1	L1	ug/L	138%	60 - 133	9104626	10/27/09 09:14
1,2,3-Trichloropropane	50.0	44.9		ug/L	90%	64 - 127	9104626	10/27/09 09:14
1,3,5-Trimethylbenzene	50.0	49.6		ug/L	99%	75 - 134	9104626	10/27/09 09:14
1,2,4-Trimethylbenzene	50.0	48.8		ug/L	98%	77 - 134	9104626	10/27/09 09:14
Vinyl chloride	50.0	55.0		ug/L	110%	60 - 122	9104626	10/27/09 09:14

Client TriAD Env. Consultants (6921)  
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Work Order: NSJ2084  
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Received: 10/22/09 13:20

**PROJECT QUALITY CONTROL DATA**  
**LCS - Cont.**

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>								
<b>9104626-BS1</b>								
o-Xylene	50.0	50.8		ug/L	102%	66 - 150	9104626	10/27/09 09:14
m,p-Xylene	100	100		ug/L	100%	78 - 132	9104626	10/27/09 09:14
Xylenes, total	150	151		ug/L	101%	78 - 134	9104626	10/27/09 09:14
<i>Surrogate: 1,2-Dichloroethane-d4</i>	25.0	31.0			124%	63 - 140	9104626	10/27/09 09:14
<i>Surrogate: Dibromofluoromethane</i>	25.0	26.9			108%	73 - 131	9104626	10/27/09 09:14
<i>Surrogate: Toluene-d8</i>	25.0	23.2			93%	80 - 120	9104626	10/27/09 09:14
<i>Surrogate: 4-Bromofluorobenzene</i>	25.0	22.4			90%	79 - 125	9104626	10/27/09 09:14

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Work Order: NSJ2084  
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Received: 10/22/09 13:20

## PROJECT QUALITY CONTROL DATA

### LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>9104017-BSD1</b>												
Acetone	220			ug/L	250	88%	56 - 150	4	31	9104017		10/23/09 09:06
Benzene	48.9			ug/L	50.0	98%	80 - 121	1	12	9104017		10/23/09 09:06
Bromobenzene	47.0			ug/L	50.0	94%	72 - 130	0.8	23	9104017		10/23/09 09:06
Bromochloromethane	52.0			ug/L	50.0	104%	73 - 137	1	32	9104017		10/23/09 09:06
Bromodichloromethane	53.5			ug/L	50.0	107%	75 - 131	0.9	13	9104017		10/23/09 09:06
Bromoform	60.1			ug/L	50.0	120%	65 - 140	0.5	18	9104017		10/23/09 09:06
Bromomethane	58.8			ug/L	50.0	118%	50 - 150	3	50	9104017		10/23/09 09:06
2-Butanone	264			ug/L	250	105%	70 - 144	2	37	9104017		10/23/09 09:06
sec-Butylbenzene	50.0			ug/L	50.0	100%	72 - 140	2	21	9104017		10/23/09 09:06
n-Butylbenzene	48.0			ug/L	50.0	96%	68 - 140	2	11	9104017		10/23/09 09:06
tert-Butylbenzene	50.3			ug/L	50.0	101%	76 - 135	2	20	9104017		10/23/09 09:06
Carbon disulfide	45.9			ug/L	50.0	92%	74 - 137	3	28	9104017		10/23/09 09:06
Carbon Tetrachloride	57.6			ug/L	50.0	115%	71 - 137	0.7	26	9104017		10/23/09 09:06
Chlorobenzene	51.8			ug/L	50.0	104%	80 - 121	0.2	11	9104017		10/23/09 09:06
Chlorodibromomethane	53.6			ug/L	50.0	107%	68 - 137	2	16	9104017		10/23/09 09:06
Chloroethane	48.8			ug/L	50.0	98%	50 - 146	4	35	9104017		10/23/09 09:06
Chloroform	50.4			ug/L	50.0	101%	73 - 131	0.5	32	9104017		10/23/09 09:06
Chloromethane	30.9			ug/L	50.0	62%	30 - 132	7	34	9104017		10/23/09 09:06
2-Chlorotoluene	47.1			ug/L	50.0	94%	74 - 135	2	22	9104017		10/23/09 09:06
4-Chlorotoluene	46.7			ug/L	50.0	93%	74 - 132	2	22	9104017		10/23/09 09:06
1,2-Dibromo-3-chloropropane	48.4			ug/L	50.0	97%	56 - 145	0.5	21	9104017		10/23/09 09:06
1,2-Dibromoethane (EDB)	50.9			ug/L	50.0	102%	80 - 135	2	10	9104017		10/23/09 09:06
Dibromomethane	56.2			ug/L	50.0	112%	78 - 133	2	11	9104017		10/23/09 09:06
1,4-Dichlorobenzene	51.6			ug/L	50.0	103%	80 - 120	1	10	9104017		10/23/09 09:06
1,3-Dichlorobenzene	52.2			ug/L	50.0	104%	80 - 128	2	18	9104017		10/23/09 09:06
1,2-Dichlorobenzene	55.7			ug/L	50.0	111%	80 - 125	3	11	9104017		10/23/09 09:06
Dichlorodifluoromethane	57.3			ug/L	50.0	115%	30 - 132	8	32	9104017		10/23/09 09:06
1,1-Dichloroethane	48.2			ug/L	50.0	96%	75 - 125	1	34	9104017		10/23/09 09:06
1,2-Dichloroethane	55.1			ug/L	50.0	110%	70 - 134	2	25	9104017		10/23/09 09:06
cis-1,2-Dichloroethene	50.1			ug/L	50.0	100%	71 - 132	0.8	32	9104017		10/23/09 09:06
1,1-Dichloroethene	49.2			ug/L	50.0	98%	73 - 125	2	31	9104017		10/23/09 09:06
trans-1,2-Dichloroethene	48.4			ug/L	50.0	97%	77 - 125	1	32	9104017		10/23/09 09:06
1,3-Dichloropropane	47.8			ug/L	50.0	96%	76 - 125	1	20	9104017		10/23/09 09:06
1,2-Dichloropropane	46.7			ug/L	50.0	93%	72 - 120	2	11	9104017		10/23/09 09:06
2,2-Dichloropropane	53.3			ug/L	50.0	107%	50 - 150	2	11	9104017		10/23/09 09:06
cis-1,3-Dichloropropene	45.8			ug/L	50.0	92%	70 - 140	1	35	9104017		10/23/09 09:06
trans-1,3-Dichloropropene	47.6			ug/L	50.0	95%	62 - 139	2	26	9104017		10/23/09 09:06
1,1-Dichloropropene	51.1			ug/L	50.0	102%	78 - 126	2	18	9104017		10/23/09 09:06
Ethylbenzene	48.5			ug/L	50.0	97%	78 - 133	0.2	12	9104017		10/23/09 09:06
Hexachlorobutadiene	56.2			ug/L	50.0	112%	70 - 150	0.4	21	9104017		10/23/09 09:06
2-Hexanone	242			ug/L	250	97%	60 - 150	2	20	9104017		10/23/09 09:06

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**PROJECT QUALITY CONTROL DATA**  
**LCS Dup - Cont.**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>9104017-BSD1</b>												
Isopropylbenzene	50.8			ug/L	50.0	102%	69 - 120	0.6	15	9104017		10/23/09 09:06
p-Isopropyltoluene	49.9			ug/L	50.0	100%	72 - 134	2	18	9104017		10/23/09 09:06
Methyl tert-Butyl Ether	50.9			ug/L	50.0	102%	76 - 120	2	32	9104017		10/23/09 09:06
Methylene Chloride	46.6			ug/L	50.0	93%	80 - 133	1	36	9104017		10/23/09 09:06
4-Methyl-2-pentanone	236			ug/L	250	94%	62 - 146	2	35	9104017		10/23/09 09:06
Naphthalene	52.4			ug/L	50.0	105%	71 - 139	0.7	30	9104017		10/23/09 09:06
n-Propylbenzene	47.1			ug/L	50.0	94%	70 - 143	2	23	9104017		10/23/09 09:06
Styrene	51.7			ug/L	50.0	103%	80 - 136	0.3	29	9104017		10/23/09 09:06
1,1,1,2-Tetrachloroethane	54.1			ug/L	50.0	108%	80 - 130	0.07	11	9104017		10/23/09 09:06
1,1,2,2-Tetrachloroethane	48.8			ug/L	50.0	98%	73 - 131	0.08	28	9104017		10/23/09 09:06
Tetrachloroethene	54.2			ug/L	50.0	108%	77 - 131	0.07	16	9104017		10/23/09 09:06
Toluene	47.0			ug/L	50.0	94%	78 - 125	0.8	35	9104017		10/23/09 09:06
1,2,3-Trichlorobenzene	56.6			ug/L	50.0	113%	71 - 138	1	28	9104017		10/23/09 09:06
1,2,4-Trichlorobenzene	57.7			ug/L	50.0	115%	74 - 136	0.7	23	9104017		10/23/09 09:06
1,1,2-Trichloroethane	49.7			ug/L	50.0	99%	80 - 123	2	21	9104017		10/23/09 09:06
1,1,1-Trichloroethane	55.4			ug/L	50.0	111%	75 - 137	0.8	29	9104017		10/23/09 09:06
Trichloroethene	56.7			ug/L	50.0	113%	74 - 139	1	11	9104017		10/23/09 09:06
Trichlorofluoromethane	56.3			ug/L	50.0	113%	60 - 133	4	33	9104017		10/23/09 09:06
1,2,3-Trichloropropane	44.0			ug/L	50.0	88%	64 - 127	0.05	25	9104017		10/23/09 09:06
1,3,5-Trimethylbenzene	49.5			ug/L	50.0	99%	75 - 134	2	21	9104017		10/23/09 09:06
1,2,4-Trimethylbenzene	49.0			ug/L	50.0	98%	77 - 134	1	20	9104017		10/23/09 09:06
Vinyl chloride	50.6			ug/L	50.0	101%	60 - 122	6	32	9104017		10/23/09 09:06
Xylenes, total	146			ug/L	150	97%	78 - 134	0.2	18	9104017		10/23/09 09:06
1,1,2-Trifluorotrichloroethane	53.0			ug/L	50.0	106%	73 - 134	4	17	9104017		10/23/09 09:06
Surrogate: 1,2-Dichloroethane-d4	25.8			ug/L	25.0	103%	63 - 140			9104017		10/23/09 09:06
Surrogate: Dibromofluoromethane	26.4			ug/L	25.0	105%	73 - 131			9104017		10/23/09 09:06
Surrogate: Toluene-d8	23.0			ug/L	25.0	92%	80 - 120			9104017		10/23/09 09:06
Surrogate: 4-Bromofluorobenzene	22.9			ug/L	25.0	92%	79 - 125			9104017		10/23/09 09:06
<b>9104619-BSD1</b>												
Acetone	240			ug/L	250	96%	56 - 150	5	31	9104619		10/24/09 18:14
Benzene	49.3			ug/L	50.0	99%	80 - 121	2	12	9104619		10/24/09 18:14
Bromobenzene	46.0			ug/L	50.0	92%	72 - 130	0.3	23	9104619		10/24/09 18:14
Bromochloromethane	54.9			ug/L	50.0	110%	73 - 137	1	32	9104619		10/24/09 18:14
Bromodichloromethane	53.0			ug/L	50.0	106%	75 - 131	2	13	9104619		10/24/09 18:14
Bromoform	59.1			ug/L	50.0	118%	65 - 140	0.4	18	9104619		10/24/09 18:14
Bromomethane	57.6			ug/L	50.0	115%	50 - 150	2	50	9104619		10/24/09 18:14
2-Butanone	263			ug/L	250	105%	70 - 144	3	37	9104619		10/24/09 18:14
sec-Butylbenzene	51.5			ug/L	50.0	103%	72 - 140	0.08	21	9104619		10/24/09 18:14
n-Butylbenzene	49.3			ug/L	50.0	99%	68 - 140	0.1	11	9104619		10/24/09 18:14
tert-Butylbenzene	51.6			ug/L	50.0	103%	76 - 135	0.6	20	9104619		10/24/09 18:14

Client TriAD Env. Consultants (6921)  
 207 Donelson Pike, Suite 200  
 Nashville, TN 37214  
 Attn Chris Scott

Work Order: NSJ2084  
 Project Name: Elmco  
 Project Number: 07-Elm01-01  
 Received: 10/22/09 13:20

**PROJECT QUALITY CONTROL DATA**  
**LCS Dup - Cont.**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>9104619-BSD1</b>												
Carbon disulfide	44.2			ug/L	50.0	88%	74 - 137	2	28	9104619		10/24/09 18:14
Carbon Tetrachloride	58.1			ug/L	50.0	116%	71 - 137	2	26	9104619		10/24/09 18:14
Chlorobenzene	53.1			ug/L	50.0	106%	80 - 121	1	11	9104619		10/24/09 18:14
Chlorodibromomethane	53.9			ug/L	50.0	108%	68 - 137	0.9	16	9104619		10/24/09 18:14
Chloroethane	47.4			ug/L	50.0	95%	50 - 146	3	35	9104619		10/24/09 18:14
Chloroform	50.6			ug/L	50.0	101%	73 - 131	2	32	9104619		10/24/09 18:14
Chloromethane	42.1			ug/L	50.0	84%	30 - 132	4	34	9104619		10/24/09 18:14
2-Chlorotoluene	47.9			ug/L	50.0	96%	74 - 135	0.06	22	9104619		10/24/09 18:14
4-Chlorotoluene	46.5			ug/L	50.0	93%	74 - 132	0.2	22	9104619		10/24/09 18:14
1,2-Dibromo-3-chloropropane	46.1			ug/L	50.0	92%	56 - 145	0.1	21	9104619		10/24/09 18:14
1,2-Dibromoethane (EDB)	50.7			ug/L	50.0	101%	80 - 135	2	10	9104619		10/24/09 18:14
Dibromomethane	56.2			ug/L	50.0	112%	78 - 133	2	11	9104619		10/24/09 18:14
1,4-Dichlorobenzene	53.0			ug/L	50.0	106%	80 - 120	0.08	10	9104619		10/24/09 18:14
1,3-Dichlorobenzene	53.6			ug/L	50.0	107%	80 - 128	0.2	18	9104619		10/24/09 18:14
1,2-Dichlorobenzene	56.2			ug/L	50.0	112%	80 - 125	0.7	11	9104619		10/24/09 18:14
Dichlorodifluoromethane	54.1			ug/L	50.0	108%	30 - 132	2	32	9104619		10/24/09 18:14
1,1-Dichloroethane	48.1			ug/L	50.0	96%	75 - 125	2	34	9104619		10/24/09 18:14
1,2-Dichloroethane	54.1			ug/L	50.0	108%	70 - 134	0.4	25	9104619		10/24/09 18:14
cis-1,2-Dichloroethene	50.0			ug/L	50.0	100%	71 - 132	1	32	9104619		10/24/09 18:14
1,1-Dichloroethene	49.2			ug/L	50.0	98%	73 - 125	2	31	9104619		10/24/09 18:14
trans-1,2-Dichloroethene	47.9			ug/L	50.0	96%	77 - 125	2	32	9104619		10/24/09 18:14
1,3-Dichloropropane	46.5			ug/L	50.0	93%	76 - 125	2	20	9104619		10/24/09 18:14
1,2-Dichloropropane	46.2			ug/L	50.0	92%	72 - 120	2	11	9104619		10/24/09 18:14
2,2-Dichloropropane	57.5			ug/L	50.0	115%	50 - 150	1	11	9104619		10/24/09 18:14
cis-1,3-Dichloropropene	46.5			ug/L	50.0	93%	70 - 140	0.5	35	9104619		10/24/09 18:14
trans-1,3-Dichloropropene	47.2			ug/L	50.0	94%	62 - 139	2	26	9104619		10/24/09 18:14
1,1-Dichloropropene	51.8			ug/L	50.0	104%	78 - 126	2	18	9104619		10/24/09 18:14
Ethylbenzene	49.2			ug/L	50.0	98%	78 - 133	0.8	12	9104619		10/24/09 18:14
Hexachlorobutadiene	61.0			ug/L	50.0	122%	70 - 150	1	21	9104619		10/24/09 18:14
2-Hexanone	233			ug/L	250	93%	60 - 150	2	20	9104619		10/24/09 18:14
Isopropylbenzene	52.6			ug/L	50.0	105%	69 - 120	0.5	15	9104619		10/24/09 18:14
p-Isopropyltoluene	51.2			ug/L	50.0	102%	72 - 134	0.5	18	9104619		10/24/09 18:14
Methyl tert-Butyl Ether	48.9			ug/L	50.0	98%	76 - 120	2	32	9104619		10/24/09 18:14
Methylene Chloride	46.7			ug/L	50.0	93%	80 - 133	2	36	9104619		10/24/09 18:14
4-Methyl-2-pentanone	222			ug/L	250	89%	62 - 146	1	35	9104619		10/24/09 18:14
Naphthalene	50.0			ug/L	50.0	100%	71 - 139	0.2	30	9104619		10/24/09 18:14
n-Propylbenzene	48.2			ug/L	50.0	96%	70 - 143	0.1	23	9104619		10/24/09 18:14
Styrene	52.7			ug/L	50.0	105%	80 - 136	0.3	29	9104619		10/24/09 18:14
1,1,1,2-Tetrachloroethane	54.7			ug/L	50.0	109%	80 - 130	0.5	11	9104619		10/24/09 18:14
1,1,2,2-Tetrachloroethane	46.6			ug/L	50.0	93%	73 - 131	0.9	28	9104619		10/24/09 18:14
Tetrachloroethene	57.5			ug/L	50.0	115%	77 - 131	1	16	9104619		10/24/09 18:14

Client TriAD Env. Consultants (6921)  
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Work Order: NSJ2084  
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 Project Number: 07-Elm01-01  
 Received: 10/22/09 13:20

**PROJECT QUALITY CONTROL DATA**  
**LCS Dup - Cont.**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>9104619-BSD1</b>												
Toluene	48.3			ug/L	50.0	97%	78 - 125	1	35	9104619		10/24/09 18:14
1,2,3-Trichlorobenzene	55.7			ug/L	50.0	111%	71 - 138	1	28	9104619		10/24/09 18:14
1,2,4-Trichlorobenzene	58.9			ug/L	50.0	118%	74 - 136	1	23	9104619		10/24/09 18:14
1,1,2-Trichloroethane	50.3			ug/L	50.0	101%	80 - 123	1	21	9104619		10/24/09 18:14
1,1,1-Trichloroethane	56.7			ug/L	50.0	113%	75 - 137	2	29	9104619		10/24/09 18:14
Trichloroethylene	58.9			ug/L	50.0	118%	74 - 139	3	11	9104619		10/24/09 18:14
Trichlorofluoromethane	56.4			ug/L	50.0	113%	60 - 133	2	33	9104619		10/24/09 18:14
1,2,3-Trichloropropane	42.4			ug/L	50.0	85%	64 - 127	1	25	9104619		10/24/09 18:14
1,3,5-Trimethylbenzene	50.0			ug/L	50.0	100%	75 - 134	0.08	21	9104619		10/24/09 18:14
1,2,4-Trimethylbenzene	50.1			ug/L	50.0	100%	77 - 134	0.3	20	9104619		10/24/09 18:14
Vinyl chloride	48.9			ug/L	50.0	98%	60 - 122	3	32	9104619		10/24/09 18:14
o-Xylene	49.5			ug/L	50.0	99%	66 - 150	1	27	9104619		10/24/09 18:14
m,p-Xylene	98.1			ug/L	100	98%	78 - 132	0.5	16	9104619		10/24/09 18:14
Xylenes, total	148			ug/L	150	98%	78 - 134	0.7	18	9104619		10/24/09 18:14
Surrogate: 1,2-Dichloroethane-d4	24.6			ug/L	25.0	98%	63 - 140			9104619		10/24/09 18:14
Surrogate: Dibromofluoromethane	26.5			ug/L	25.0	106%	73 - 131			9104619		10/24/09 18:14
Surrogate: Toluene-d8	22.9			ug/L	25.0	92%	80 - 120			9104619		10/24/09 18:14
Surrogate: 4-Bromofluorobenzene	22.6			ug/L	25.0	90%	79 - 125			9104619		10/24/09 18:14
<b>9104626-BSD1</b>												
Acetone	305			ug/L	250	122%	56 - 150	4	31	9104626		10/27/09 09:39
Benzene	52.1			ug/L	50.0	104%	80 - 121	7	12	9104626		10/27/09 09:39
Bromobenzene	48.1			ug/L	50.0	96%	72 - 130	1	23	9104626		10/27/09 09:39
Bromochloromethane	54.3			ug/L	50.0	109%	73 - 137	5	32	9104626		10/27/09 09:39
Bromodichloromethane	60.1			ug/L	50.0	120%	75 - 131	6	13	9104626		10/27/09 09:39
Bromoform	59.0			ug/L	50.0	118%	65 - 140	4	18	9104626		10/27/09 09:39
Bromomethane	94.9	L1		ug/L	50.0	190%	50 - 150	9	50	9104626		10/27/09 09:39
2-Butanone	292			ug/L	250	117%	70 - 144	5	37	9104626		10/27/09 09:39
sec-Butylbenzene	52.3			ug/L	50.0	105%	72 - 140	5	21	9104626		10/27/09 09:39
n-Butylbenzene	52.9			ug/L	50.0	106%	68 - 140	4	11	9104626		10/27/09 09:39
tert-Butylbenzene	50.7			ug/L	50.0	101%	76 - 135	4	20	9104626		10/27/09 09:39
Carbon disulfide	49.5			ug/L	50.0	99%	74 - 137	14	28	9104626		10/27/09 09:39
Carbon Tetrachloride	66.3			ug/L	50.0	133%	71 - 137	8	26	9104626		10/27/09 09:39
Chlorobenzene	53.4			ug/L	50.0	107%	80 - 121	5	11	9104626		10/27/09 09:39
Chlorodibromomethane	55.4			ug/L	50.0	111%	68 - 137	2	16	9104626		10/27/09 09:39
Chloroethane	58.8			ug/L	50.0	118%	50 - 146	7	35	9104626		10/27/09 09:39
Chloroform	57.3			ug/L	50.0	115%	73 - 131	7	32	9104626		10/27/09 09:39
Chloromethane	39.5			ug/L	50.0	79%	30 - 132	8	34	9104626		10/27/09 09:39
2-Chlorotoluene	48.5			ug/L	50.0	97%	74 - 135	3	22	9104626		10/27/09 09:39
4-Chlorotoluene	49.6			ug/L	50.0	99%	74 - 132	4	22	9104626		10/27/09 09:39
1,2-Dibromo-3-chloropropane	42.7			ug/L	50.0	85%	56 - 145	5	21	9104626		10/27/09 09:39

Client TriAD Env. Consultants (6921)  
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 Received: 10/22/09 13:20

**PROJECT QUALITY CONTROL DATA**  
**LCS Dup - Cont.**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>9104626-BSD1</b>												
1,2-Dibromoethane (EDB)	52.4			ug/L	50.0	105%	80 - 135	4	10	9104626		10/27/09 09:39
Dibromomethane	61.8			ug/L	50.0	124%	78 - 133	3	11	9104626		10/27/09 09:39
1,4-Dichlorobenzene	51.3			ug/L	50.0	103%	80 - 120	4	10	9104626		10/27/09 09:39
1,3-Dichlorobenzene	51.1			ug/L	50.0	102%	80 - 128	5	18	9104626		10/27/09 09:39
1,2-Dichlorobenzene	54.8			ug/L	50.0	110%	80 - 125	4	11	9104626		10/27/09 09:39
Dichlorodifluoromethane	62.3			ug/L	50.0	125%	30 - 132	7	32	9104626		10/27/09 09:39
1,1-Dichloroethane	56.8			ug/L	50.0	114%	75 - 125	7	34	9104626		10/27/09 09:39
1,2-Dichloroethane	70.9	L1		ug/L	50.0	142%	70 - 134	5	25	9104626		10/27/09 09:39
cis-1,2-Dichloroethene	59.7			ug/L	50.0	119%	71 - 132	6	32	9104626		10/27/09 09:39
1,1-Dichloroethene	56.2			ug/L	50.0	112%	73 - 125	8	31	9104626		10/27/09 09:39
trans-1,2-Dichloroethene	55.4			ug/L	50.0	111%	77 - 125	7	32	9104626		10/27/09 09:39
1,3-Dichloropropane	51.7			ug/L	50.0	103%	76 - 125	3	20	9104626		10/27/09 09:39
1,2-Dichloropropane	53.2			ug/L	50.0	106%	72 - 120	6	11	9104626		10/27/09 09:39
2,2-Dichloropropane	69.0			ug/L	50.0	138%	50 - 150	6	11	9104626		10/27/09 09:39
cis-1,3-Dichloropropene	50.1			ug/L	50.0	100%	70 - 140	3	35	9104626		10/27/09 09:39
trans-1,3-Dichloropropene	52.8			ug/L	50.0	106%	62 - 139	4	26	9104626		10/27/09 09:39
1,1-Dichloropropene	57.2			ug/L	50.0	114%	78 - 126	7	18	9104626		10/27/09 09:39
Ethylbenzene	51.5			ug/L	50.0	103%	78 - 133	6	12	9104626		10/27/09 09:39
Hexachlorobutadiene	52.5			ug/L	50.0	105%	70 - 150	6	21	9104626		10/27/09 09:39
2-Hexanone	266			ug/L	250	106%	60 - 150	5	20	9104626		10/27/09 09:39
Isopropylbenzene	54.8			ug/L	50.0	110%	69 - 120	6	15	9104626		10/27/09 09:39
p-Isopropyltoluene	51.9			ug/L	50.0	104%	72 - 134	4	18	9104626		10/27/09 09:39
Methyl tert-Butyl Ether	55.0			ug/L	50.0	110%	76 - 120	4	32	9104626		10/27/09 09:39
Methylene Chloride	47.4			ug/L	50.0	95%	80 - 133	5	36	9104626		10/27/09 09:39
4-Methyl-2-pentanone	251			ug/L	250	101%	62 - 146	3	35	9104626		10/27/09 09:39
Naphthalene	44.8			ug/L	50.0	90%	71 - 139	2	30	9104626		10/27/09 09:39
n-Propylbenzene	49.4			ug/L	50.0	99%	70 - 143	4	23	9104626		10/27/09 09:39
Styrene	55.0			ug/L	50.0	110%	80 - 136	6	29	9104626		10/27/09 09:39
1,1,1,2-Tetrachloroethane	56.2			ug/L	50.0	112%	80 - 130	6	11	9104626		10/27/09 09:39
1,1,2,2-Tetrachloroethane	48.1			ug/L	50.0	96%	73 - 131	0.5	28	9104626		10/27/09 09:39
Tetrachloroethene	55.7			ug/L	50.0	111%	77 - 131	7	16	9104626		10/27/09 09:39
Toluene	49.8			ug/L	50.0	100%	78 - 125	6	35	9104626		10/27/09 09:39
1,2,3-Trichlorobenzene	47.3			ug/L	50.0	95%	71 - 138	4	28	9104626		10/27/09 09:39
1,2,4-Trichlorobenzene	50.8			ug/L	50.0	102%	74 - 136	4	23	9104626		10/27/09 09:39
1,1,2-Trichloroethane	50.7			ug/L	50.0	101%	80 - 123	4	21	9104626		10/27/09 09:39
1,1,1-Trichloroethane	62.8			ug/L	50.0	126%	75 - 137	8	29	9104626		10/27/09 09:39
Trichloroethene	57.6			ug/L	50.0	115%	74 - 139	8	11	9104626		10/27/09 09:39
Trichlorofluoromethane	74.3	L1		ug/L	50.0	149%	60 - 133	7	33	9104626		10/27/09 09:39
1,2,3-Trichloropropane	45.8			ug/L	50.0	92%	64 - 127	2	25	9104626		10/27/09 09:39
1,3,5-Trimethylbenzene	52.1			ug/L	50.0	104%	75 - 134	5	21	9104626		10/27/09 09:39
1,2,4-Trimethylbenzene	50.6			ug/L	50.0	101%	77 - 134	4	20	9104626		10/27/09 09:39

Client    TriAD Env. Consultants (6921)  
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           Nashville, TN 37214  
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Work Order:     NSJ2084  
 Project Name:   Elmco  
 Project Number: 07-Elm01-01  
 Received:       10/22/09 13:20

**PROJECT QUALITY CONTROL DATA**  
**LCS Dup - Cont.**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>9104626-BSD1</b>												
Vinyl chloride	59.1			ug/L	50.0	118%	60 - 122	7	32	9104626		10/27/09 09:39
o-Xylene	53.7			ug/L	50.0	107%	66 - 150	6	27	9104626		10/27/09 09:39
m,p-Xylene	107			ug/L	100	107%	78 - 132	6	16	9104626		10/27/09 09:39
Xylenes, total	160			ug/L	150	107%	78 - 134	6	18	9104626		10/27/09 09:39
<i>Surrogate: 1,2-Dichloroethane-d4</i>	31.3			ug/L	25.0	125%	63 - 140			9104626		10/27/09 09:39
<i>Surrogate: Dibromofluoromethane</i>	27.4			ug/L	25.0	110%	73 - 131			9104626		10/27/09 09:39
<i>Surrogate: Toluene-d8</i>	23.5			ug/L	25.0	94%	80 - 120			9104626		10/27/09 09:39
<i>Surrogate: 4-Bromofluorobenzene</i>	22.2			ug/L	25.0	89%	79 - 125			9104626		10/27/09 09:39

Client	TriAD Env. Consultants (6921)	Work Order:	NSJ2084
	207 Donelson Pike, Suite 200	Project Name:	Elmco
	Nashville, TN 37214	Project Number:	07-Elm01-01
Attn	Chris Scott	Received:	10/22/09 13:20

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike**

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>										
<b>9104017-MS1</b>										
Benzene	ND	483		ug/L	500	97%	65 - 151	9104017	NSJ2007-03RE 1	10/23/09 18:18
Chloroethane	ND	490		ug/L	500	98%	48 - 159	9104017	NSJ2007-03RE 1	10/23/09 18:18
Chloroform	3.80	503		ug/L	500	100%	72 - 145	9104017	NSJ2007-03RE 1	10/23/09 18:18
1,2-Dibromo-3-chloropropane	ND	464		ug/L	500	93%	49 - 162	9104017	NSJ2007-03RE 1	10/23/09 18:18
1,2-Dibromoethane (EDB)	ND	522		ug/L	500	104%	70 - 152	9104017	NSJ2007-03RE 1	10/23/09 18:18
1,2-Dichlorobenzene	ND	556		ug/L	500	111%	80 - 136	9104017	NSJ2007-03RE 1	10/23/09 18:18
1,1-Dichloroethane	ND	455		ug/L	500	91%	64 - 154	9104017	NSJ2007-03RE 1	10/23/09 18:18
1,2-Dichloroethane	12.5	544		ug/L	500	106%	72 - 137	9104017	NSJ2007-03RE 1	10/23/09 18:18
cis-1,2-Dichloroethene	109	573		ug/L	500	93%	57 - 154	9104017	NSJ2007-03RE 1	10/23/09 18:18
1,1-Dichloroethene	ND	484		ug/L	500	97%	34 - 151	9104017	NSJ2007-03RE 1	10/23/09 18:18
trans-1,2-Dichloroethene	13.2	477		ug/L	500	93%	57 - 157	9104017	NSJ2007-03RE 1	10/23/09 18:18
1,2-Dichloropropane	ND	453		ug/L	500	91%	71 - 139	9104017	NSJ2007-03RE 1	10/23/09 18:18
1,1-Dichloropropene	ND	511		ug/L	500	102%	70 - 155	9104017	NSJ2007-03RE 1	10/23/09 18:18
1,1,1,2-Tetrachloroethane	ND	549		ug/L	500	110%	80 - 140	9104017	NSJ2007-03RE 1	10/23/09 18:18
1,1,2,2-Tetrachloroethane	ND	463		ug/L	500	93%	76 - 141	9104017	NSJ2007-03RE 1	10/23/09 18:18
Tetrachloroethene	ND	571		ug/L	500	114%	63 - 155	9104017	NSJ2007-03RE 1	10/23/09 18:18
1,2,3-Trichlorobenzene	ND	524		ug/L	500	105%	57 - 155	9104017	NSJ2007-03RE 1	10/23/09 18:18
1,2,4-Trichlorobenzene	ND	565		ug/L	500	113%	64 - 147	9104017	NSJ2007-03RE 1	10/23/09 18:18
1,1,2-Trichloroethane	ND	496		ug/L	500	99%	74 - 138	9104017	NSJ2007-03RE 1	10/23/09 18:18
1,1,1-Trichloroethane	ND	565		ug/L	500	113%	78 - 153	9104017	NSJ2007-03RE 1	10/23/09 18:18
Trichloroethene	254	807		ug/L	500	111%	74 - 139	9104017	NSJ2007-03RE 1	10/23/09 18:18
1,2,3-Trichloropropane	ND	424		ug/L	500	85%	49 - 148	9104017	NSJ2007-03RE 1	10/23/09 18:18
1,2,4-Trimethylbenzene	ND	492		ug/L	500	98%	69 - 150	9104017	NSJ2007-03RE 1	10/23/09 18:18
Vinyl chloride	ND	449		ug/L	500	90%	53 - 137	9104017	NSJ2007-03RE 1	10/23/09 18:18

Client	TriAD Env. Consultants (6921)	Work Order:	NSJ2084
	207 Donelson Pike, Suite 200	Project Name:	Elmco
	Nashville, TN 37214	Project Number:	07-Elm01-01
Attn	Chris Scott	Received:	10/22/09 13:20

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike - Cont.**

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>										
<b>9104017-MS1</b>										
o-Xylene										
o-Xylene	ND	487		ug/L	500	97%	62 - 167	9104017	NSJ2007-03RE 1	10/23/09 18:18
m,p-Xylene	ND	961		ug/L	1000	96%	69 - 155	9104017	NSJ2007-03RE 1	10/23/09 18:18
Surrogate: 1,2-Dichloroethane-d4		25.9		ug/L	25.0	104%	63 - 140	9104017	NSJ2007-03RE 1	10/23/09 18:18
Surrogate: Dibromofluoromethane		26.7		ug/L	25.0	107%	73 - 131	9104017	NSJ2007-03RE 1	10/23/09 18:18
Surrogate: Toluene-d8		23.0		ug/L	25.0	92%	80 - 120	9104017	NSJ2007-03RE 1	10/23/09 18:18
Surrogate: 4-Bromofluorobenzene		22.8		ug/L	25.0	91%	79 - 125	9104017	NSJ2007-03RE 1	10/23/09 18:18
<b>9104619-MS1</b>										
Acetone	ND	24100		ug/L	25000	97%	56 - 150	9104619	NSJ2084-03RE 1	10/27/09 17:09
Benzene	ND	5140		ug/L	5000	103%	65 - 151	9104619	NSJ2084-03RE 1	10/27/09 17:09
Bromobenzene	ND	4650		ug/L	5000	93%	69 - 142	9104619	NSJ2084-03RE 1	10/27/09 17:09
Bromochloromethane	ND	5380		ug/L	5000	108%	64 - 154	9104619	NSJ2084-03RE 1	10/27/09 17:09
Bromodichloromethane	ND	5760		ug/L	5000	115%	75 - 138	9104619	NSJ2084-03RE 1	10/27/09 17:09
Bromoform	ND	5480		ug/L	5000	110%	55 - 153	9104619	NSJ2084-03RE 1	10/27/09 17:09
Bromomethane	ND	10100	M7	ug/L	5000	202%	13 - 176	9104619	NSJ2084-03RE 1	10/27/09 17:09
2-Butanone	ND	25500		ug/L	25000	102%	45 - 164	9104619	NSJ2084-03RE 1	10/27/09 17:09
sec-Butylbenzene	ND	5150		ug/L	5000	103%	68 - 159	9104619	NSJ2084-03RE 1	10/27/09 17:09
n-Butylbenzene	ND	5220		ug/L	5000	104%	67 - 151	9104619	NSJ2084-03RE 1	10/27/09 17:09
tert-Butylbenzene	ND	5050		ug/L	5000	101%	73 - 153	9104619	NSJ2084-03RE 1	10/27/09 17:09
Carbon disulfide	ND	4950		ug/L	5000	99%	33 - 187	9104619	NSJ2084-03RE 1	10/27/09 17:09
Carbon Tetrachloride	ND	6520		ug/L	5000	130%	64 - 157	9104619	NSJ2084-03RE 1	10/27/09 17:09
Chlorobenzene	ND	5220		ug/L	5000	104%	78 - 136	9104619	NSJ2084-03RE 1	10/27/09 17:09
Chlorodibromomethane	ND	5400		ug/L	5000	108%	64 - 145	9104619	NSJ2084-03RE 1	10/27/09 17:09
Chloroethane	ND	6500		ug/L	5000	130%	48 - 159	9104619	NSJ2084-03RE 1	10/27/09 17:09
Chloroform	29.0	5660		ug/L	5000	113%	72 - 145	9104619	NSJ2084-03RE 1	10/27/09 17:09

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214  
Attn Chris Scott

Work Order: NSJ2084  
Project Name: Elmco  
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Received: 10/22/09 13:20

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike - Cont.**

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>										
<b>9104619-MS1</b>										
Chloromethane	ND	4910		ug/L	5000	98%	10 - 194	9104619	NSJ2084-03RE 1	10/27/09 17:09
2-Chlorotoluene	ND	4740		ug/L	5000	95%	66 - 155	9104619	NSJ2084-03RE 1	10/27/09 17:09
4-Chlorotoluene	ND	4850		ug/L	5000	97%	69 - 149	9104619	NSJ2084-03RE 1	10/27/09 17:09
1,2-Dibromo-3-chloropropane	ND	3620		ug/L	5000	72%	49 - 162	9104619	NSJ2084-03RE 1	10/27/09 17:09
1,2-Dibromoethane (EDB)	ND	5150		ug/L	5000	103%	70 - 152	9104619	NSJ2084-03RE 1	10/27/09 17:09
Dibromomethane	ND	6310		ug/L	5000	126%	75 - 141	9104619	NSJ2084-03RE 1	10/27/09 17:09
1,4-Dichlorobenzene	ND	4920		ug/L	5000	98%	75 - 135	9104619	NSJ2084-03RE 1	10/27/09 17:09
1,3-Dichlorobenzene	ND	4810		ug/L	5000	96%	72 - 146	9104619	NSJ2084-03RE 1	10/27/09 17:09
1,2-Dichlorobenzene	ND	5170		ug/L	5000	103%	80 - 136	9104619	NSJ2084-03RE 1	10/27/09 17:09
Dichlorodifluoromethane	ND	5610		ug/L	5000	112%	23 - 159	9104619	NSJ2084-03RE 1	10/27/09 17:09
1,1-Dichloroethane	ND	5730		ug/L	5000	115%	64 - 154	9104619	NSJ2084-03RE 1	10/27/09 17:09
1,2-Dichloroethane	127	7140	M7	ug/L	5000	140%	72 - 137	9104619	NSJ2084-03RE 1	10/27/09 17:09
cis-1,2-Dichloroethene	ND	6060		ug/L	5000	121%	57 - 154	9104619	NSJ2084-03RE 1	10/27/09 17:09
1,1-Dichloroethene	ND	5800		ug/L	5000	116%	34 - 151	9104619	NSJ2084-03RE 1	10/27/09 17:09
trans-1,2-Dichloroethene	ND	5510		ug/L	5000	110%	57 - 157	9104619	NSJ2084-03RE 1	10/27/09 17:09
1,3-Dichloropropane	ND	5090		ug/L	5000	102%	71 - 137	9104619	NSJ2084-03RE 1	10/27/09 17:09
1,2-Dichloropropane	ND	5220		ug/L	5000	104%	71 - 139	9104619	NSJ2084-03RE 1	10/27/09 17:09
2,2-Dichloropropane	ND	6820		ug/L	5000	136%	10 - 198	9104619	NSJ2084-03RE 1	10/27/09 17:09
cis-1,3-Dichloropropene	ND	4960		ug/L	5000	99%	56 - 156	9104619	NSJ2084-03RE 1	10/27/09 17:09
trans-1,3-Dichloropropene	72.0	5160		ug/L	5000	102%	47 - 157	9104619	NSJ2084-03RE 1	10/27/09 17:09
1,1-Dichloropropene	ND	5750		ug/L	5000	115%	70 - 155	9104619	NSJ2084-03RE 1	10/27/09 17:09
Ethylbenzene	ND	5140		ug/L	5000	103%	68 - 157	9104619	NSJ2084-03RE 1	10/27/09 17:09
Hexachlorobutadiene	ND	4560		ug/L	5000	91%	47 - 173	9104619	NSJ2084-03RE 1	10/27/09 17:09
2-Hexanone	ND	24100		ug/L	25000	96%	57 - 154	9104619	NSJ2084-03RE 1	10/27/09 17:09

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214  
Attn Chris Scott

Work Order: NSJ2084  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 10/22/09 13:20

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike - Cont.**

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>										
<b>9104619-MS1</b>										
Isopropylbenzene	ND	5440		ug/L	5000	109%	69 - 139	9104619	NSJ2084-03RE 1	10/27/09 17:09
p-Isopropyltoluene	ND	5120		ug/L	5000	102%	69 - 151	9104619	NSJ2084-03RE 1	10/27/09 17:09
Methyl tert-Butyl Ether	ND	3290		ug/L	5000	66%	56 - 152	9104619	NSJ2084-03RE 1	10/27/09 17:09
Methylene Chloride	182	4770		ug/L	5000	92%	71 - 136	9104619	NSJ2084-03RE 1	10/27/09 17:09
4-Methyl-2-pentanone	367	24000		ug/L	25000	95%	62 - 159	9104619	NSJ2084-03RE 1	10/27/09 17:09
Naphthalene	ND	3930		ug/L	5000	79%	56 - 161	9104619	NSJ2084-03RE 1	10/27/09 17:09
n-Propylbenzene	ND	4870		ug/L	5000	97%	61 - 167	9104619	NSJ2084-03RE 1	10/27/09 17:09
Styrene	ND	5350		ug/L	5000	107%	69 - 150	9104619	NSJ2084-03RE 1	10/27/09 17:09
1,1,1,2-Tetrachloroethane	ND	5360		ug/L	5000	107%	80 - 140	9104619	NSJ2084-03RE 1	10/27/09 17:09
1,1,2,2-Tetrachloroethane	ND	4540		ug/L	5000	91%	76 - 141	9104619	NSJ2084-03RE 1	10/27/09 17:09
Tetrachloroethene	ND	5420		ug/L	5000	108%	63 - 155	9104619	NSJ2084-03RE 1	10/27/09 17:09
Toluene	3270	7900		ug/L	5000	93%	61 - 153	9104619	NSJ2084-03RE 1	10/27/09 17:09
1,2,3-Trichlorobenzene	ND	3910		ug/L	5000	78%	57 - 155	9104619	NSJ2084-03RE 1	10/27/09 17:09
1,2,4-Trichlorobenzene	ND	4390		ug/L	5000	88%	64 - 147	9104619	NSJ2084-03RE 1	10/27/09 17:09
1,1,2-Trichloroethane	ND	4920		ug/L	5000	98%	74 - 138	9104619	NSJ2084-03RE 1	10/27/09 17:09
1,1,1-Trichloroethane	ND	6220		ug/L	5000	124%	78 - 153	9104619	NSJ2084-03RE 1	10/27/09 17:09
Trichloroethene	ND	5530		ug/L	5000	111%	74 - 139	9104619	NSJ2084-03RE 1	10/27/09 17:09
Trichlorofluoromethane	ND	8640	M7	ug/L	5000	173%	53 - 149	9104619	NSJ2084-03RE 1	10/27/09 17:09
1,2,3-Trichloropropane	ND	4230		ug/L	5000	85%	49 - 148	9104619	NSJ2084-03RE 1	10/27/09 17:09
1,3,5-Trimethylbenzene	ND	5090		ug/L	5000	102%	67 - 151	9104619	NSJ2084-03RE 1	10/27/09 17:09
1,2,4-Trimethylbenzene	ND	4920		ug/L	5000	98%	69 - 150	9104619	NSJ2084-03RE 1	10/27/09 17:09
Vinyl chloride	ND	6620		ug/L	5000	132%	53 - 137	9104619	NSJ2084-03RE 1	10/27/09 17:09
o-Xylene	ND	5320		ug/L	5000	106%	62 - 167	9104619	NSJ2084-03RE 1	10/27/09 17:09
m,p-Xylene	ND	10700		ug/L	10000	107%	69 - 155	9104619	NSJ2084-03RE 1	10/27/09 17:09

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214  
Attn Chris Scott

Work Order: NSJ2084  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 10/22/09 13:20

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike - Cont.**

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>										
<b>9104619-MS1</b>										
Xylenes, total	ND	16000		ug/L	15000	107%	68 - 158	9104619	NSJ2084-03RE 1	10/27/09 17:09
Surrogate: 1,2-Dichloroethane-d4		31.8		ug/L	25.0	127%	63 - 140	9104619	NSJ2084-03RE 1	10/27/09 17:09
Surrogate: Dibromofluoromethane		28.1		ug/L	25.0	112%	73 - 131	9104619	NSJ2084-03RE 1	10/27/09 17:09
Surrogate: Toluene-d8		23.4		ug/L	25.0	94%	80 - 120	9104619	NSJ2084-03RE 1	10/27/09 17:09
Surrogate: 4-Bromofluorobenzene		21.4		ug/L	25.0	86%	79 - 125	9104619	NSJ2084-03RE 1	10/27/09 17:09
<b>9104626-MS1</b>										
Acetone	ND	210		ug/L	250	84%	56 - 150	9104626	NSJ2215-18	10/27/09 18:00
Benzene	ND	44.0		ug/L	50.0	88%	65 - 151	9104626	NSJ2215-18	10/27/09 18:00
Bromobenzene	ND	38.4		ug/L	50.0	77%	69 - 142	9104626	NSJ2215-18	10/27/09 18:00
Bromochloromethane	ND	42.6		ug/L	50.0	85%	64 - 154	9104626	NSJ2215-18	10/27/09 18:00
Bromodichloromethane	ND	48.3		ug/L	50.0	97%	75 - 138	9104626	NSJ2215-18	10/27/09 18:00
Bromoform	ND	44.4		ug/L	50.0	89%	55 - 153	9104626	NSJ2215-18	10/27/09 18:00
Bromomethane	ND	93.8	M7	ug/L	50.0	188%	13 - 176	9104626	NSJ2215-18	10/27/09 18:00
2-Butanone	ND	210		ug/L	250	84%	45 - 164	9104626	NSJ2215-18	10/27/09 18:00
sec-Butylbenzene	ND	43.4		ug/L	50.0	87%	68 - 159	9104626	NSJ2215-18	10/27/09 18:00
n-Butylbenzene	ND	43.2		ug/L	50.0	86%	67 - 151	9104626	NSJ2215-18	10/27/09 18:00
tert-Butylbenzene	ND	42.3		ug/L	50.0	85%	73 - 153	9104626	NSJ2215-18	10/27/09 18:00
Carbon disulfide	ND	37.5		ug/L	50.0	75%	33 - 187	9104626	NSJ2215-18	10/27/09 18:00
Carbon Tetrachloride	ND	55.8		ug/L	50.0	112%	64 - 157	9104626	NSJ2215-18	10/27/09 18:00
Chlorobenzene	ND	43.7		ug/L	50.0	87%	78 - 136	9104626	NSJ2215-18	10/27/09 18:00
Chlorodibromomethane	ND	44.2		ug/L	50.0	88%	64 - 145	9104626	NSJ2215-18	10/27/09 18:00
Chloroethane	ND	54.1		ug/L	50.0	108%	48 - 159	9104626	NSJ2215-18	10/27/09 18:00
Chloroform	ND	46.9		ug/L	50.0	94%	72 - 145	9104626	NSJ2215-18	10/27/09 18:00
Chloromethane	0.250	37.1		ug/L	50.0	74%	10 - 194	9104626	NSJ2215-18	10/27/09 18:00
2-Chlorotoluene	ND	39.2		ug/L	50.0	78%	66 - 155	9104626	NSJ2215-18	10/27/09 18:00
4-Chlorotoluene	ND	35.2		ug/L	50.0	70%	69 - 149	9104626	NSJ2215-18	10/27/09 18:00
1,2-Dibromo-3-chloropropane	ND	30.9		ug/L	50.0	62%	49 - 162	9104626	NSJ2215-18	10/27/09 18:00
1,2-Dibromoethane (EDB)	ND	42.6		ug/L	50.0	85%	70 - 152	9104626	NSJ2215-18	10/27/09 18:00
Dibromomethane	ND	50.7		ug/L	50.0	101%	75 - 141	9104626	NSJ2215-18	10/27/09 18:00
1,4-Dichlorobenzene	ND	40.2		ug/L	50.0	80%	75 - 135	9104626	NSJ2215-18	10/27/09 18:00
1,3-Dichlorobenzene	ND	39.4		ug/L	50.0	79%	72 - 146	9104626	NSJ2215-18	10/27/09 18:00
1,2-Dichlorobenzene	ND	41.9		ug/L	50.0	84%	80 - 136	9104626	NSJ2215-18	10/27/09 18:00
Dichlorodifluoromethane	ND	49.8		ug/L	50.0	100%	23 - 159	9104626	NSJ2215-18	10/27/09 18:00
1,1-Dichloroethane	ND	48.3		ug/L	50.0	97%	64 - 154	9104626	NSJ2215-18	10/27/09 18:00

Client TriAD Env. Consultants (6921)  
 207 Donelson Pike, Suite 200  
 Nashville, TN 37214  
 Attn Chris Scott

Work Order: NSJ2084  
 Project Name: Elmco  
 Project Number: 07-Elm01-01  
 Received: 10/22/09 13:20

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike - Cont.**

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>										
<b>9104626-MS1</b>										
1,2-Dichloroethane	ND	58.4		ug/L	50.0	117%	72 - 137	9104626	NSJ2215-18	10/27/09 18:00
cis-1,2-Dichloroethene	ND	50.6		ug/L	50.0	101%	57 - 154	9104626	NSJ2215-18	10/27/09 18:00
1,1-Dichloroethene	ND	51.2		ug/L	50.0	102%	34 - 151	9104626	NSJ2215-18	10/27/09 18:00
trans-1,2-Dichloroethene	ND	46.8		ug/L	50.0	94%	57 - 157	9104626	NSJ2215-18	10/27/09 18:00
1,3-Dichloropropane	ND	42.1		ug/L	50.0	84%	71 - 137	9104626	NSJ2215-18	10/27/09 18:00
1,2-Dichloropropane	ND	43.6		ug/L	50.0	87%	71 - 139	9104626	NSJ2215-18	10/27/09 18:00
2,2-Dichloropropane	ND	59.2		ug/L	50.0	118%	10 - 198	9104626	NSJ2215-18	10/27/09 18:00
cis-1,3-Dichloropropene	ND	41.3		ug/L	50.0	83%	56 - 156	9104626	NSJ2215-18	10/27/09 18:00
trans-1,3-Dichloropropene	ND	42.3		ug/L	50.0	85%	47 - 157	9104626	NSJ2215-18	10/27/09 18:00
1,1-Dichloropropene	ND	49.4		ug/L	50.0	99%	70 - 155	9104626	NSJ2215-18	10/27/09 18:00
Ethylbenzene	ND	43.1		ug/L	50.0	86%	68 - 157	9104626	NSJ2215-18	10/27/09 18:00
Hexachlorobutadiene	ND	42.1		ug/L	50.0	84%	47 - 173	9104626	NSJ2215-18	10/27/09 18:00
2-Hexanone	ND	198		ug/L	250	79%	57 - 154	9104626	NSJ2215-18	10/27/09 18:00
Isopropylbenzene	ND	45.8		ug/L	50.0	92%	69 - 139	9104626	NSJ2215-18	10/27/09 18:00
p-Isopropyltoluene	ND	42.3		ug/L	50.0	85%	69 - 151	9104626	NSJ2215-18	10/27/09 18:00
Methyl tert-Butyl Ether	ND	30.2		ug/L	50.0	60%	56 - 152	9104626	NSJ2215-18	10/27/09 18:00
Methylene Chloride	ND	39.2		ug/L	50.0	78%	71 - 136	9104626	NSJ2215-18	10/27/09 18:00
4-Methyl-2-pentanone	ND	197		ug/L	250	79%	62 - 159	9104626	NSJ2215-18	10/27/09 18:00
Naphthalene	ND	34.0		ug/L	50.0	68%	56 - 161	9104626	NSJ2215-18	10/27/09 18:00
n-Propylbenzene	ND	41.5		ug/L	50.0	83%	61 - 167	9104626	NSJ2215-18	10/27/09 18:00
Styrene	ND	43.7		ug/L	50.0	87%	69 - 150	9104626	NSJ2215-18	10/27/09 18:00
1,1,1,2-Tetrachloroethane	ND	44.6		ug/L	50.0	89%	80 - 140	9104626	NSJ2215-18	10/27/09 18:00
1,1,2,2-Tetrachloroethane	ND	37.8		ug/L	50.0	76%	76 - 141	9104626	NSJ2215-18	10/27/09 18:00
Tetrachloroethene	ND	45.8		ug/L	50.0	92%	63 - 155	9104626	NSJ2215-18	10/27/09 18:00
Toluene	ND	41.6		ug/L	50.0	83%	61 - 153	9104626	NSJ2215-18	10/27/09 18:00
1,2,3-Trichlorobenzene	ND	35.4		ug/L	50.0	71%	57 - 155	9104626	NSJ2215-18	10/27/09 18:00
1,2,4-Trichlorobenzene	ND	37.6		ug/L	50.0	75%	64 - 147	9104626	NSJ2215-18	10/27/09 18:00
1,1,2-Trichloroethane	ND	40.3		ug/L	50.0	81%	74 - 138	9104626	NSJ2215-18	10/27/09 18:00
1,1,1-Trichloroethane	ND	52.8		ug/L	50.0	106%	78 - 153	9104626	NSJ2215-18	10/27/09 18:00
Trichloroethene	ND	47.5		ug/L	50.0	95%	74 - 139	9104626	NSJ2215-18	10/27/09 18:00
Trichlorofluoromethane	ND	69.6		ug/L	50.0	139%	53 - 149	9104626	NSJ2215-18	10/27/09 18:00
1,2,3-Trichloropropane	ND	35.5		ug/L	50.0	71%	49 - 148	9104626	NSJ2215-18	10/27/09 18:00
1,3,5-Trimethylbenzene	ND	42.1		ug/L	50.0	84%	67 - 151	9104626	NSJ2215-18	10/27/09 18:00
1,2,4-Trimethylbenzene	ND	40.2		ug/L	50.0	80%	69 - 150	9104626	NSJ2215-18	10/27/09 18:00
Vinyl chloride	ND	55.8		ug/L	50.0	112%	53 - 137	9104626	NSJ2215-18	10/27/09 18:00
o-Xylene	ND	44.3		ug/L	50.0	89%	62 - 167	9104626	NSJ2215-18	10/27/09 18:00
m,p-Xylene	ND	89.0		ug/L	100	89%	69 - 155	9104626	NSJ2215-18	10/27/09 18:00

Client    TriAD Env. Consultants (6921)  
 207 Donelson Pike, Suite 200  
 Nashville, TN 37214  
 Attn     Chris Scott

Work Order:    NSJ2084  
 Project Name:    Elmco  
 Project Number:    07-Elm01-01  
 Received:    10/22/09 13:20

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike - Cont.**

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>										
<b>9104626-MS1</b>										
Xylenes, total	ND	133		ug/L	150	89%	68 - 158	9104626	NSJ2215-18	10/27/09 18:00
<i>Surrogate: 1,2-Dichloroethane-d4</i>		31.8		ug/L	25.0	127%	63 - 140	9104626	NSJ2215-18	10/27/09 18:00
<i>Surrogate: Dibromofluoromethane</i>		27.6		ug/L	25.0	110%	73 - 131	9104626	NSJ2215-18	10/27/09 18:00
<i>Surrogate: Toluene-d8</i>		23.4		ug/L	25.0	94%	80 - 120	9104626	NSJ2215-18	10/27/09 18:00
<i>Surrogate: 4-Bromofluorobenzene</i>		22.0		ug/L	25.0	88%	79 - 125	9104626	NSJ2215-18	10/27/09 18:00

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214

Attn Chris Scott

Work Order: NSJ2084  
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Received: 10/22/09 13:20

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike Dup**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>9104017-MSD1</b>												
Benzene	ND	488		ug/L	500	98%	65 - 151	0.9	12	9104017	NSJ2007-03RE 1	10/23/09 18:43
Chloroethane	ND	471		ug/L	500	94%	48 - 159	4	35	9104017	NSJ2007-03RE 1	10/23/09 18:43
Chloroform	3.80	506		ug/L	500	101%	72 - 145	0.8	32	9104017	NSJ2007-03RE 1	10/23/09 18:43
1,2-Dibromo-3-chloropropane	ND	465		ug/L	500	93%	49 - 162	0.3	21	9104017	NSJ2007-03RE 1	10/23/09 18:43
1,2-Dibromoethane (EDB)	ND	517		ug/L	500	103%	70 - 152	0.9	10	9104017	NSJ2007-03RE 1	10/23/09 18:43
1,2-Dichlorobenzene	ND	561		ug/L	500	112%	80 - 136	0.8	11	9104017	NSJ2007-03RE 1	10/23/09 18:43
1,1-Dichloroethane	ND	469		ug/L	500	94%	64 - 154	3	34	9104017	NSJ2007-03RE 1	10/23/09 18:43
1,2-Dichloroethane	12.5	548		ug/L	500	107%	72 - 137	0.8	25	9104017	NSJ2007-03RE 1	10/23/09 18:43
cis-1,2-Dichloroethene	109	585		ug/L	500	95%	57 - 154	2	32	9104017	NSJ2007-03RE 1	10/23/09 18:43
1,1-Dichloroethene	ND	494		ug/L	500	99%	34 - 151	2	31	9104017	NSJ2007-03RE 1	10/23/09 18:43
trans-1,2-Dichloroethene	13.2	486		ug/L	500	95%	57 - 157	2	32	9104017	NSJ2007-03RE 1	10/23/09 18:43
1,2-Dichloropropane	ND	454		ug/L	500	91%	71 - 139	0.2	11	9104017	NSJ2007-03RE 1	10/23/09 18:43
1,1-Dichloropropene	ND	520		ug/L	500	104%	70 - 155	2	18	9104017	NSJ2007-03RE 1	10/23/09 18:43
1,1,1,2-Tetrachloroethane	ND	555		ug/L	500	111%	80 - 140	1	11	9104017	NSJ2007-03RE 1	10/23/09 18:43
1,1,2,2-Tetrachloroethane	ND	464		ug/L	500	93%	76 - 141	0.09	28	9104017	NSJ2007-03RE 1	10/23/09 18:43
Tetrachloroethene	ND	580		ug/L	500	116%	63 - 155	2	16	9104017	NSJ2007-03RE 1	10/23/09 18:43
1,2,3-Trichlorobenzene	ND	560		ug/L	500	112%	57 - 155	7	28	9104017	NSJ2007-03RE 1	10/23/09 18:43
1,2,4-Trichlorobenzene	ND	590		ug/L	500	118%	64 - 147	4	23	9104017	NSJ2007-03RE 1	10/23/09 18:43
1,1,2-Trichloroethane	ND	497		ug/L	500	99%	74 - 138	0.2	21	9104017	NSJ2007-03RE 1	10/23/09 18:43
1,1,1-Trichloroethane	ND	580		ug/L	500	116%	78 - 153	3	29	9104017	NSJ2007-03RE 1	10/23/09 18:43
Trichloroethene	254	825		ug/L	500	114%	74 - 139	2	11	9104017	NSJ2007-03RE 1	10/23/09 18:43
1,2,3-Trichloropropane	ND	430		ug/L	500	86%	49 - 148	1	25	9104017	NSJ2007-03RE 1	10/23/09 18:43
1,2,4-Trimethylbenzene	ND	497		ug/L	500	99%	69 - 150	1	20	9104017	NSJ2007-03RE 1	10/23/09 18:43
Vinyl chloride	ND	460		ug/L	500	92%	53 - 137	2	32	9104017	NSJ2007-03RE 1	10/23/09 18:43
o-Xylene	ND	492		ug/L	500	98%	62 - 167	1	27	9104017	NSJ2007-03RE 1	10/23/09 18:43
m,p-Xylene	ND	973		ug/L	1000	97%	69 - 155	1	16	9104017	NSJ2007-03RE 1	10/23/09 18:43

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214  
Attn Chris Scott

Work Order: NSJ2084  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 10/22/09 13:20

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike Dup - Cont.**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>9104017-MSD1</b>												
Surrogate: 1,2-Dichloroethane-d4	25.6			ug/L	25.0	102%	63 - 140			9104017	NSJ2007-03RE 1	10/23/09 18:43
Surrogate: Dibromofluoromethane	26.8			ug/L	25.0	107%	73 - 131			9104017	NSJ2007-03RE 1	10/23/09 18:43
Surrogate: Toluene-d8	23.1			ug/L	25.0	92%	80 - 120			9104017	NSJ2007-03RE 1	10/23/09 18:43
Surrogate: 4-Bromofluorobenzene	22.5			ug/L	25.0	90%	79 - 125			9104017	NSJ2007-03RE 1	10/23/09 18:43
<b>9104619-MSD1</b>												
Acetone	ND	25100		ug/L	25000	100%	56 - 150	4	31	9104619	NSJ2084-03RE 1	10/27/09 17:34
Benzene	ND	5110		ug/L	5000	102%	65 - 151	0.7	12	9104619	NSJ2084-03RE 1	10/27/09 17:34
Bromobenzene	ND	4790		ug/L	5000	96%	69 - 142	3	23	9104619	NSJ2084-03RE 1	10/27/09 17:34
Bromochloromethane	ND	5210		ug/L	5000	104%	64 - 154	3	32	9104619	NSJ2084-03RE 1	10/27/09 17:34
Bromodichloromethane	ND	5990		ug/L	5000	120%	75 - 138	4	13	9104619	NSJ2084-03RE 1	10/27/09 17:34
Bromoform	ND	5750		ug/L	5000	115%	55 - 153	5	18	9104619	NSJ2084-03RE 1	10/27/09 17:34
Bromomethane	ND	10300	M7	ug/L	5000	206%	13 - 176	2	50	9104619	NSJ2084-03RE 1	10/27/09 17:34
2-Butanone	ND	26800		ug/L	25000	107%	45 - 164	5	37	9104619	NSJ2084-03RE 1	10/27/09 17:34
sec-Butylbenzene	ND	5340		ug/L	5000	107%	68 - 159	3	21	9104619	NSJ2084-03RE 1	10/27/09 17:34
n-Butylbenzene	ND	5440		ug/L	5000	109%	67 - 151	4	11	9104619	NSJ2084-03RE 1	10/27/09 17:34
tert-Butylbenzene	ND	5270		ug/L	5000	105%	73 - 153	4	20	9104619	NSJ2084-03RE 1	10/27/09 17:34
Carbon disulfide	ND	4440		ug/L	5000	89%	33 - 187	11	28	9104619	NSJ2084-03RE 1	10/27/09 17:34
Carbon Tetrachloride	ND	6550		ug/L	5000	131%	64 - 157	0.4	26	9104619	NSJ2084-03RE 1	10/27/09 17:34
Chlorobenzene	ND	5350		ug/L	5000	107%	78 - 136	3	11	9104619	NSJ2084-03RE 1	10/27/09 17:34
Chlorodibromomethane	ND	5510		ug/L	5000	110%	64 - 145	2	16	9104619	NSJ2084-03RE 1	10/27/09 17:34
Chloroethane	ND	5740		ug/L	5000	115%	48 - 159	13	35	9104619	NSJ2084-03RE 1	10/27/09 17:34
Chloroform	29.0	5780		ug/L	5000	115%	72 - 145	2	32	9104619	NSJ2084-03RE 1	10/27/09 17:34
Chloromethane	ND	3890		ug/L	5000	78%	10 - 194	23	34	9104619	NSJ2084-03RE 1	10/27/09 17:34
2-Chlorotoluene	ND	4880		ug/L	5000	98%	66 - 155	3	22	9104619	NSJ2084-03RE 1	10/27/09 17:34
4-Chlorotoluene	ND	5000		ug/L	5000	100%	69 - 149	3	22	9104619	NSJ2084-03RE 1	10/27/09 17:34
1,2-Dibromo-3-chloropropane	ND	3730		ug/L	5000	75%	49 - 162	3	21	9104619	NSJ2084-03RE 1	10/27/09 17:34

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214  
Attn Chris Scott

Work Order: NSJ2084  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 10/22/09 13:20

## PROJECT QUALITY CONTROL DATA

### Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>9104619-MSD1</b>												
1,2-Dibromoethane (EDB)	ND	5170		ug/L	5000	103%	70 - 152	0.5	10	9104619	NSJ2084-03RE 1	10/27/09 17:34
Dibromomethane	ND	6250		ug/L	5000	125%	75 - 141	1	11	9104619	NSJ2084-03RE 1	10/27/09 17:34
1,4-Dichlorobenzene	ND	5100		ug/L	5000	102%	75 - 135	3	10	9104619	NSJ2084-03RE 1	10/27/09 17:34
1,3-Dichlorobenzene	ND	5060		ug/L	5000	101%	72 - 146	5	18	9104619	NSJ2084-03RE 1	10/27/09 17:34
1,2-Dichlorobenzene	ND	5390		ug/L	5000	108%	80 - 136	4	11	9104619	NSJ2084-03RE 1	10/27/09 17:34
Dichlorodifluoromethane	ND	4280		ug/L	5000	86%	23 - 159	27	32	9104619	NSJ2084-03RE 1	10/27/09 17:34
1,1-Dichloroethane	ND	5730		ug/L	5000	115%	64 - 154	0.03	34	9104619	NSJ2084-03RE 1	10/27/09 17:34
1,2-Dichloroethane	127	7100	M7	ug/L	5000	139%	72 - 137	0.6	25	9104619	NSJ2084-03RE 1	10/27/09 17:34
cis-1,2-Dichloroethene	ND	6020		ug/L	5000	120%	57 - 154	0.6	32	9104619	NSJ2084-03RE 1	10/27/09 17:34
1,1-Dichloroethene	ND	5720		ug/L	5000	114%	34 - 151	1	31	9104619	NSJ2084-03RE 1	10/27/09 17:34
trans-1,2-Dichloroethene	ND	5320		ug/L	5000	106%	57 - 157	4	32	9104619	NSJ2084-03RE 1	10/27/09 17:34
1,3-Dichloropropane	ND	5240		ug/L	5000	105%	71 - 137	3	20	9104619	NSJ2084-03RE 1	10/27/09 17:34
1,2-Dichloropropane	ND	5280		ug/L	5000	106%	71 - 139	1	11	9104619	NSJ2084-03RE 1	10/27/09 17:34
2,2-Dichloropropane	ND	7000		ug/L	5000	140%	10 - 198	3	11	9104619	NSJ2084-03RE 1	10/27/09 17:34
cis-1,3-Dichloropropene	ND	5030		ug/L	5000	101%	56 - 156	1	35	9104619	NSJ2084-03RE 1	10/27/09 17:34
trans-1,3-Dichloropropene	72.0	5280		ug/L	5000	104%	47 - 157	2	26	9104619	NSJ2084-03RE 1	10/27/09 17:34
1,1-Dichloropropene	ND	5630		ug/L	5000	113%	70 - 155	2	18	9104619	NSJ2084-03RE 1	10/27/09 17:34
Ethylbenzene	ND	5190		ug/L	5000	104%	68 - 157	1	12	9104619	NSJ2084-03RE 1	10/27/09 17:34
Hexachlorobutadiene	ND	5150		ug/L	5000	103%	47 - 173	12	21	9104619	NSJ2084-03RE 1	10/27/09 17:34
2-Hexanone	ND	24700		ug/L	25000	99%	57 - 154	3	20	9104619	NSJ2084-03RE 1	10/27/09 17:34
Isopropylbenzene	ND	5600		ug/L	5000	112%	69 - 139	3	15	9104619	NSJ2084-03RE 1	10/27/09 17:34
p-Isopropyltoluene	ND	5310		ug/L	5000	106%	69 - 151	4	18	9104619	NSJ2084-03RE 1	10/27/09 17:34
Methyl tert-Butyl Ether	ND	3690		ug/L	5000	74%	56 - 152	11	32	9104619	NSJ2084-03RE 1	10/27/09 17:34
Methylene Chloride	182	4690		ug/L	5000	90%	71 - 136	2	36	9104619	NSJ2084-03RE 1	10/27/09 17:34
4-Methyl-2-pentanone	367	24900		ug/L	25000	98%	62 - 159	4	35	9104619	NSJ2084-03RE 1	10/27/09 17:34
Naphthalene	ND	4170		ug/L	5000	83%	56 - 161	6	30	9104619	NSJ2084-03RE 1	10/27/09 17:34

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214  
Attn Chris Scott

Work Order: NSJ2084  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 10/22/09 13:20

### PROJECT QUALITY CONTROL DATA

#### Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>9104619-MSD1</b>												
n-Propylbenzene	ND	5010		ug/L	5000	100%	61 - 167	3	23	9104619	NSJ2084-03RE 1	10/27/09 17:34
Styrene	ND	5540		ug/L	5000	111%	69 - 150	4	29	9104619	NSJ2084-03RE 1	10/27/09 17:34
1,1,1,2-Tetrachloroethane	ND	5570		ug/L	5000	111%	80 - 140	4	11	9104619	NSJ2084-03RE 1	10/27/09 17:34
1,1,2,2-Tetrachloroethane	ND	4780		ug/L	5000	96%	76 - 141	5	28	9104619	NSJ2084-03RE 1	10/27/09 17:34
Tetrachloroethylene	ND	5360		ug/L	5000	107%	63 - 155	1	16	9104619	NSJ2084-03RE 1	10/27/09 17:34
Toluene	3270	7950		ug/L	5000	94%	61 - 153	0.6	35	9104619	NSJ2084-03RE 1	10/27/09 17:34
1,2,3-Trichlorobenzene	ND	4370		ug/L	5000	87%	57 - 155	11	28	9104619	NSJ2084-03RE 1	10/27/09 17:34
1,2,4-Trichlorobenzene	ND	4800		ug/L	5000	96%	64 - 147	9	23	9104619	NSJ2084-03RE 1	10/27/09 17:34
1,1,2-Trichloroethane	ND	5110		ug/L	5000	102%	74 - 138	4	21	9104619	NSJ2084-03RE 1	10/27/09 17:34
1,1,1-Trichloroethane	ND	6260		ug/L	5000	125%	78 - 153	0.5	29	9104619	NSJ2084-03RE 1	10/27/09 17:34
Trichloroethylene	ND	5520		ug/L	5000	110%	74 - 139	0.2	11	9104619	NSJ2084-03RE 1	10/27/09 17:34
Trichlorofluoromethane	ND	7590	M7	ug/L	5000	152%	53 - 149	13	33	9104619	NSJ2084-03RE 1	10/27/09 17:34
1,2,3-Trichloropropane	ND	4430		ug/L	5000	89%	49 - 148	4	25	9104619	NSJ2084-03RE 1	10/27/09 17:34
1,3,5-Trimethylbenzene	ND	5200		ug/L	5000	104%	67 - 151	2	21	9104619	NSJ2084-03RE 1	10/27/09 17:34
1,2,4-Trimethylbenzene	ND	5060		ug/L	5000	101%	69 - 150	3	20	9104619	NSJ2084-03RE 1	10/27/09 17:34
Vinyl chloride	ND	5530		ug/L	5000	111%	53 - 137	18	32	9104619	NSJ2084-03RE 1	10/27/09 17:34
o-Xylene	ND	5460		ug/L	5000	109%	62 - 167	3	27	9104619	NSJ2084-03RE 1	10/27/09 17:34
m,p-Xylene	ND	10800		ug/L	10000	108%	69 - 155	1	16	9104619	NSJ2084-03RE 1	10/27/09 17:34
Xylenes, total	ND	16300		ug/L	15000	108%	68 - 158	2	18	9104619	NSJ2084-03RE 1	10/27/09 17:34
Surrogate: 1,2-Dichloroethane-d4		31.6		ug/L	25.0	126%	63 - 140			9104619	NSJ2084-03RE 1	10/27/09 17:34
Surrogate: Dibromofluoromethane		27.9		ug/L	25.0	111%	73 - 131			9104619	NSJ2084-03RE 1	10/27/09 17:34
Surrogate: Toluene-d8		23.3		ug/L	25.0	93%	80 - 120			9104619	NSJ2084-03RE 1	10/27/09 17:34
Surrogate: 4-Bromofluorobenzene		21.6		ug/L	25.0	86%	79 - 125			9104619	NSJ2084-03RE 1	10/27/09 17:34
<b>9104626-MSD1</b>												
Acetone	ND	228		ug/L	250	91%	56 - 150	8	31	9104626	NSJ2215-18	10/27/09 18:25
Benzene	ND	48.5		ug/L	50.0	97%	65 - 151	10	12	9104626	NSJ2215-18	10/27/09 18:25
Bromobenzene	ND	43.1		ug/L	50.0	86%	69 - 142	12	23	9104626	NSJ2215-18	10/27/09 18:25

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214  
Attn Chris Scott

Work Order: NSJ2084  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 10/22/09 13:20

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike Dup - Cont.**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>9104626-MSD1</b>												
Bromochloromethane	ND	47.8		ug/L	50.0	96%	64 - 154	12	32	9104626	NSJ2215-18	10/27/09 18:25
Bromodichloromethane	ND	54.0		ug/L	50.0	108%	75 - 138	11	13	9104626	NSJ2215-18	10/27/09 18:25
Bromoform	ND	49.2		ug/L	50.0	98%	55 - 153	10	18	9104626	NSJ2215-18	10/27/09 18:25
Bromomethane	ND	103	M7	ug/L	50.0	206%	13 - 176	9	50	9104626	NSJ2215-18	10/27/09 18:25
2-Butanone	ND	236		ug/L	250	94%	45 - 164	12	37	9104626	NSJ2215-18	10/27/09 18:25
sec-Butylbenzene	ND	48.3		ug/L	50.0	97%	68 - 159	11	21	9104626	NSJ2215-18	10/27/09 18:25
n-Butylbenzene	ND	48.9	R2	ug/L	50.0	98%	67 - 151	12	11	9104626	NSJ2215-18	10/27/09 18:25
tert-Butylbenzene	ND	46.6		ug/L	50.0	93%	73 - 153	10	20	9104626	NSJ2215-18	10/27/09 18:25
Carbon disulfide	ND	47.2		ug/L	50.0	94%	33 - 187	23	28	9104626	NSJ2215-18	10/27/09 18:25
Carbon Tetrachloride	ND	62.5		ug/L	50.0	125%	64 - 157	11	26	9104626	NSJ2215-18	10/27/09 18:25
Chlorobenzene	ND	48.3		ug/L	50.0	97%	78 - 136	10	11	9104626	NSJ2215-18	10/27/09 18:25
Chlorodibromomethane	ND	49.0		ug/L	50.0	98%	64 - 145	10	16	9104626	NSJ2215-18	10/27/09 18:25
Chloroethane	ND	57.6		ug/L	50.0	115%	48 - 159	6	35	9104626	NSJ2215-18	10/27/09 18:25
Chloroform	ND	52.3		ug/L	50.0	105%	72 - 145	11	32	9104626	NSJ2215-18	10/27/09 18:25
Chloromethane	0.250	40.5		ug/L	50.0	80%	10 - 194	9	34	9104626	NSJ2215-18	10/27/09 18:25
2-Chlorotoluene	ND	44.1		ug/L	50.0	88%	66 - 155	12	22	9104626	NSJ2215-18	10/27/09 18:25
4-Chlorotoluene	ND	44.8	R2	ug/L	50.0	90%	69 - 149	24	22	9104626	NSJ2215-18	10/27/09 18:25
1,2-Dibromo-3-chloropropane	ND	34.4		ug/L	50.0	69%	49 - 162	11	21	9104626	NSJ2215-18	10/27/09 18:25
1,2-Dibromoethane (EDB)	ND	46.5		ug/L	50.0	93%	70 - 152	9	10	9104626	NSJ2215-18	10/27/09 18:25
Dibromomethane	ND	55.4		ug/L	50.0	111%	75 - 141	9	11	9104626	NSJ2215-18	10/27/09 18:25
1,4-Dichlorobenzene	ND	45.2	R2	ug/L	50.0	90%	75 - 135	12	10	9104626	NSJ2215-18	10/27/09 18:25
1,3-Dichlorobenzene	ND	44.5		ug/L	50.0	89%	72 - 146	12	18	9104626	NSJ2215-18	10/27/09 18:25
1,2-Dichlorobenzene	ND	47.7	R2	ug/L	50.0	95%	80 - 136	13	11	9104626	NSJ2215-18	10/27/09 18:25
Dichlorodifluoromethane	ND	56.4		ug/L	50.0	113%	23 - 159	13	32	9104626	NSJ2215-18	10/27/09 18:25
1,1-Dichloroethane	ND	52.9		ug/L	50.0	106%	64 - 154	9	34	9104626	NSJ2215-18	10/27/09 18:25
1,2-Dichloroethane	ND	64.4		ug/L	50.0	129%	72 - 137	10	25	9104626	NSJ2215-18	10/27/09 18:25
cis-1,2-Dichloroethene	ND	55.8		ug/L	50.0	112%	57 - 154	10	32	9104626	NSJ2215-18	10/27/09 18:25
1,1-Dichloroethene	ND	55.8		ug/L	50.0	112%	34 - 151	8	31	9104626	NSJ2215-18	10/27/09 18:25
trans-1,2-Dichloroethene	ND	51.8		ug/L	50.0	104%	57 - 157	10	32	9104626	NSJ2215-18	10/27/09 18:25
1,3-Dichloropropane	ND	46.6		ug/L	50.0	93%	71 - 137	10	20	9104626	NSJ2215-18	10/27/09 18:25
1,2-Dichloropropane	ND	48.1		ug/L	50.0	96%	71 - 139	10	11	9104626	NSJ2215-18	10/27/09 18:25
2,2-Dichloropropane	ND	64.0		ug/L	50.0	128%	10 - 198	8	11	9104626	NSJ2215-18	10/27/09 18:25
cis-1,3-Dichloropropene	ND	45.6		ug/L	50.0	91%	56 - 156	10	35	9104626	NSJ2215-18	10/27/09 18:25
trans-1,3-Dichloropropene	ND	46.8		ug/L	50.0	94%	47 - 157	10	26	9104626	NSJ2215-18	10/27/09 18:25
1,1-Dichloropropene	ND	54.4		ug/L	50.0	109%	70 - 155	10	18	9104626	NSJ2215-18	10/27/09 18:25
Ethylbenzene	ND	47.6		ug/L	50.0	95%	68 - 157	10	12	9104626	NSJ2215-18	10/27/09 18:25
Hexachlorobutadiene	ND	47.1		ug/L	50.0	94%	47 - 173	11	21	9104626	NSJ2215-18	10/27/09 18:25
2-Hexanone	ND	219		ug/L	250	87%	57 - 154	10	20	9104626	NSJ2215-18	10/27/09 18:25
Isopropylbenzene	ND	50.6		ug/L	50.0	101%	69 - 139	10	15	9104626	NSJ2215-18	10/27/09 18:25
p-Isopropyltoluene	ND	48.0		ug/L	50.0	96%	69 - 151	13	18	9104626	NSJ2215-18	10/27/09 18:25
Methyl tert-Butyl Ether	ND	32.3		ug/L	50.0	65%	56 - 152	7	32	9104626	NSJ2215-18	10/27/09 18:25

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214  
Attn Chris Scott

Work Order: NSJ2084  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 10/22/09 13:20

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike Dup - Cont.**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>Volatile Organic Compounds by EPA Method 8260B</b>												
<b>9104626-MSD1</b>												
Methylene Chloride	ND	42.8		ug/L	50.0	86%	71 - 136	9	36	9104626	NSJ2215-18	10/27/09 18:25
4-Methyl-2-pentanone	ND	219		ug/L	250	87%	62 - 159	11	35	9104626	NSJ2215-18	10/27/09 18:25
Naphthalene	ND	37.9		ug/L	50.0	76%	56 - 161	11	30	9104626	NSJ2215-18	10/27/09 18:25
n-Propylbenzene	ND	45.9		ug/L	50.0	92%	61 - 167	10	23	9104626	NSJ2215-18	10/27/09 18:25
Styrene	ND	48.9		ug/L	50.0	98%	69 - 150	11	29	9104626	NSJ2215-18	10/27/09 18:25
1,1,1,2-Tetrachloroethane	ND	49.4		ug/L	50.0	99%	80 - 140	10	11	9104626	NSJ2215-18	10/27/09 18:25
1,1,2,2-Tetrachloroethane	ND	42.0		ug/L	50.0	84%	76 - 141	11	28	9104626	NSJ2215-18	10/27/09 18:25
Tetrachloroethene	ND	51.0		ug/L	50.0	102%	63 - 155	11	16	9104626	NSJ2215-18	10/27/09 18:25
Toluene	ND	45.9		ug/L	50.0	92%	61 - 153	10	35	9104626	NSJ2215-18	10/27/09 18:25
1,2,3-Trichlorobenzene	ND	39.4		ug/L	50.0	79%	57 - 155	11	28	9104626	NSJ2215-18	10/27/09 18:25
1,2,4-Trichlorobenzene	ND	42.6		ug/L	50.0	85%	64 - 147	12	23	9104626	NSJ2215-18	10/27/09 18:25
1,1,2-Trichloroethane	ND	44.8		ug/L	50.0	90%	74 - 138	11	21	9104626	NSJ2215-18	10/27/09 18:25
1,1,1-Trichloroethane	ND	58.2		ug/L	50.0	116%	78 - 153	10	29	9104626	NSJ2215-18	10/27/09 18:25
Trichloroethene	ND	52.6		ug/L	50.0	105%	74 - 139	10	11	9104626	NSJ2215-18	10/27/09 18:25
Trichlorofluoromethane	ND	76.0	M7	ug/L	50.0	152%	53 - 149	9	33	9104626	NSJ2215-18	10/27/09 18:25
1,2,3-Trichloropropane	ND	39.2		ug/L	50.0	78%	49 - 148	10	25	9104626	NSJ2215-18	10/27/09 18:25
1,3,5-Trimethylbenzene	ND	47.2		ug/L	50.0	94%	67 - 151	11	21	9104626	NSJ2215-18	10/27/09 18:25
1,2,4-Trimethylbenzene	ND	45.6		ug/L	50.0	91%	69 - 150	13	20	9104626	NSJ2215-18	10/27/09 18:25
Vinyl chloride	ND	60.3		ug/L	50.0	121%	53 - 137	8	32	9104626	NSJ2215-18	10/27/09 18:25
o-Xylene	ND	48.9		ug/L	50.0	98%	62 - 167	10	27	9104626	NSJ2215-18	10/27/09 18:25
m,p-Xylene	ND	98.5		ug/L	100	99%	69 - 155	10	16	9104626	NSJ2215-18	10/27/09 18:25
Xylenes, total	ND	147		ug/L	150	98%	68 - 158	10	18	9104626	NSJ2215-18	10/27/09 18:25
Surrogate: 1,2-Dichloroethane-d4		31.5		ug/L	25.0	126%	63 - 140			9104626	NSJ2215-18	10/27/09 18:25
Surrogate: Dibromofluoromethane		27.6		ug/L	25.0	110%	73 - 131			9104626	NSJ2215-18	10/27/09 18:25
Surrogate: Toluene-d8		23.5		ug/L	25.0	94%	80 - 120			9104626	NSJ2215-18	10/27/09 18:25
Surrogate: 4-Bromofluorobenzene		22.2		ug/L	25.0	89%	79 - 125			9104626	NSJ2215-18	10/27/09 18:25

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214  
Attn Chris Scott

Work Order: NSJ2084  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 10/22/09 13:20

## CERTIFICATION SUMMARY

### TestAmerica Nashville

Method	Matrix	AIHA	Nelac	Tennessee
SW846 8260B	Water	N/A	X	N/A

Client TriAD Env. Consultants (6921)  
207 Donelson Pike, Suite 200  
Nashville, TN 37214

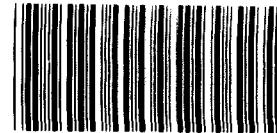
Attn Chris Scott

Work Order: NSJ2084  
Project Name: Elmco  
Project Number: 07-Elm01-01  
Received: 10/22/09 13:20

#### DATA QUALIFIERS AND DEFINITIONS

- L** Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
- L1** Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
- M7** The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
- R2** The RPD exceeded the acceptance limit.
- RL1** Reporting limit raised due to sample matrix effects.
- ZX** Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
- ND** Not detected at the reporting limit (or method detection limit if shown)

#### METHOD MODIFICATION NOTES



## COOLER RECEIPT

NSJ2084

Cooler Received/Opened On: 10/22/2009 @ 1320

1. Tracking # \_\_\_\_\_ (last 4 digits, FedEx)

Courier : Walk-in IR Gun ID: 95610068

2. Temperature of rep. sample or temp blank when opened: 113 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...NO...NA

4. Were custody seals on outside of cooler?

YES...NO...NA

If yes, how many and where: \_\_\_\_\_

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial)7. Were custody seals on containers: YES  NO  and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc.)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES  NO...NA If multiple coolers, sequence # \_\_\_\_\_I certify that I unloaded the cooler and answered questions 7-14 (initial)

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial)

17. Were custody papers properly filled out (ink, signed, etc.)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial)I certify that I attached a label with the unique LIMS number to each container (initial)

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# \_\_\_\_\_

TestAmerica

Nashville Division  
2960 Foster Creigh

2960 Foster Creighton Drive \* Nashville TN 37204

「我說，你這人真不懂事！」她說，「我說，你這人真不懂事！」

Phone: (

Client: THAD Env. Consultants (6921)

**Address:** 207 Donelson Pike, Suite 200

Account #: 488472  
Invoice to: TriAD

PO#  
1

Page \_\_\_\_\_ of \_\_\_\_\_

**City, State, Zip:** Nashville

**Client Project Mgr:** Chris Scott

Client Telephone#: (615) 889-6888

Sampler Name (Print) Miss S. Settle

SamplerSignature: John J. Sauer

DRAFT

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City, State, Zip:

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Regulatory Preservative

County District (CA)

Matrix

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RUSH TAT (Pre Schedule) *							NSJ2084		11/05/09 23:59	
Sample ID		Date Sampled		Time Sampled		# Containers Shipped		Date Due of Report:		
LC-PC		10/22/09	5:51	3		X				
LC-MS			10/20							
Wateyite		10/25								
HR-Z		11/25								
HR-DS-LC	V	12/15								
COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.										
* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments; additional charges may be assessed.										
There may be a charge assessed for TestAmerica disposing of sample remainders.										
Relinquished by: <u>Chris Stark</u>										
Received for TestAmerica by: <u>N</u>		Date: 10/24/09	Time: 13:20	Received by:	Date:	Time:	Relinquished by:	Date:	Time:	
Shipped Via:		Shipped Via:		QC Deliverables (Please Circle One):						
Received for TestAmerica by:		Date: 10/24/09	Time: 13:20	Temperature Upon Receipt: 113	Sample Containers Intact? Y N	Level 2 (If site specific, please pre-schedule w/ TestAmerica)	Level 3 Project Manager or attach specific instructions)	Level 4 Site Specific		
Shipped Via:				VOC's Free of Headspace? Y N						
NOTES/SPECIAL INSTRUCTIONS: BO# 16518										